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EPA Registration Number 75174-2 Vol. 2



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

March 12, 2015

Kevin Kutcel SiShield Technologies 17 Executive Park Drive, Suite 563 Atlanta, GA 30329

Subject: CSF Amendment – CSF alternate formula #1 for "SiS AM500"

Product Name: SIS AM 500

EPA Registration Number: 75174-2 Application Date: 12/12/2015 Decision Number: 498371

Dear Mr. Kutcel:

The Confidential Statement of Formula (CSF) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

Please note that the record for this product currently contains the following CSFs:

- Basic CSF dated 12/9/2014
- Alternate CSF 1 dated 12/9/2014

If you have any questions, please contact John Cowden by phone at 703-347-0259, or via email at Cowden.johnc@epa.gov.

Sincerely,

Velma Noble

Product Manager 31

Regulatory Management Branch I Antimicrobials Division (7510P) Office of Pesticide Programs



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

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Regulatory Management Branch I Antimicrobials Division (7510P) Office of Pesticide Programs



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

March 10, 2015

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

KEVIN KUTCEL KRK CONSULTING LLC SISHIELD TECHNOLOGIES, INC. 5807 CHURCHILL WAY MEDINA, OH 44256-

PRODUCT NAME: SIS AM500

COMPANY NAME: SISHIELD TECHNOLOGIES, INC.

OPP IDENTIFICATION NUMBER: EPA FILE SYMBOL: 75174-2 EPA RECEIPT DATE: 03/04/15

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Antimicrobials Division, Risk Management Team 31, at (703) 308-6233.

Sincerely.

Front End Processing Staff Information Services Branch

Information Technology & Resources Management Division

| Please read instructions | on reverse before compl | form. | | Form App | roved. | No. 207 | 0-0080 | Print Form |
|---|---|---|--|--|-----------------------|---------------------------------------|---|---|
| ≎EPA | United States Environmental Protection Ager Washington, DC 20460 | | | | × | Registrat Amendm Other | ion | OPP Identifier Number |
| | | Application | for Pest | icide - Sec | tion (| | | |
| Company/Product Nu SiShield Technologie | | | | PA Product Ma ma Noble | nager | | 3. Pro | posed Classification |
| 4. Company/Product (N Si5hield Technologic | ame) es / SIS AM 500 | | PM# 31 | | | | ۳ | None Restricted |
| SiShield Technologi 17 Executive Park D Atlanta, GA 30329 | | ode) | (b)(i) to: EP/ | , my product A Reg. No oduct Name | is simil | ar or identic | al in con | FIFRA Section 3(c)(3) nposition and labeling |
| Resubmission in | response to Agency latter | dated | | Final prints Agency let "Me Too" Other - Exp | tter date Applicat | ion. | to | |
| Please see cover lette | er. | | Section | _ BII | | | | |
| 1. Material This Produc | t Will Be Packaged to: | | Section | - #II | | | | |
| Child-Resistent Packagi Yes* X No * Certification must be submitted | Unit Packaging Yes X No | No. per | Water Solubi Yes X No If "Yes" Package wgt | No. per | | | ontainer Metal Plastic Glass Paper Other (Sp | pecify) |
| 3. Location of Net Cont | ents Information | 4. Size(s) Retail | Container | <u></u> | 5. Loca | stion of Label | Direction | ne |
| 6. Manner in Which Lab | Container | 1,5,55 gall | ıh | Othe | | - | 6 secomb | penying product |
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| 1 Contact Point /Com | alata itawa di-a-thi balawa | | Section | | | | | |
| Name Kevin R. Kutcel | plete items directly below t | Ţ | iio gent | o de contected | , if neces | ī | | Nos (Include Area Code) |
| I certify that the i I acknowledge the both under applic | statements I have made on at any knowingly felse or n able lew. | Certification this form and all nisleeding statem | attachments | thereto are tru unishable by fi | ie, accur ne or im | ate and come | olote. | 8. Date Application Received (Stainped) |
| 2. Signature | Med | | Title gent | | | | | |
| 4. Typed Name | | 5. | Date | | | · · · · · · · · · · · · · · · · · · · | | |

3/2/2015

Kevin R. Kutcel

KRK Consulting LLC

5807 Churchill Way Medina, OH 44256 Tel: 440-263-7305

E-mail: kevinkutcel@gmail.com

March 2, 2015

US EPA (AMEND) Office of Pesticide Programs Room S-4900, One Potomac Yard 2777 South Crystal Drive Arlington, VA 22202-4501

Subject: Fast Track Amendment for SIS AM500 (EPA No. 75174-2)

The purpose of this fast track amendment is to add the following non-public health claim on page 3 of the label under Approved Commercial and Industrial Applications.

SIS AM500 when used as an additive for paints and coatings is added directly during preparation of the paint or coating. Use 5 pounds of SIS AM 500 per 100 pounds of paint or coating (or 1 pound SIS AM 500 per 20 pounds paint/coating). The addition of the antimicrobial agent (SIS AM 500) to paints at the point of manufacture preserves the paint in the can as well as the dried paint film. SIS AM 500 inhabits the growth of odor causing bacteria, bacteria which causes staining and discoloration, fungi (mold and mildew), and algae on the surface of dried films and coatings.

Please accept the following documentation for this fast track amendment:

- 1. Application (Form 8570-1)
- 2. EPA label with additional statement highlighted on page 3.
- 3. Three (3) copies of EPA label with proposed changed.

Please note that KRK Consulting LLC is the authorized agent handling all correspondence for SiShield Technologies and therefore all responses should be directed to the contact information on the letterhead above.

Best Regards.

Kevin R. Kutcel,

Agent for SiShield Technologies

SIS AM500

SiShield Technologies, Inc.

17 Executive Park Drive, Suite 563, Atlanta, GA 30329 404.636.8900 / 404.636.8500 fax -

MICROBIOSTATIC AGENT

A Silicone Quaternary Ammonium Salt

| Active Ingredient: | 3-(trihydroxysilyl) propyldimethyloctadecyl ammonium chloride | 5.0% |
|--------------------|---|--------|
| Other Ingredients: | *************************************** | 95.0% |
| TOTAL | | |
| INGREDIENTS: | | 100.0% |

WARNING

EPA Reg. No. 75174-2

EPA EST. 70918-SC-001

NET CONTENTS: 2, 4, 8, 16, 20, 22, or 36 fluid oz.; 1, 5, 55, 150, or 300 gal.

Lot No.

FIRST AID

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call poison control center or doctor for treatment advice.

IF INHALED:

- · Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- · Call a poison control center or doctor for futher treatment advice.

IF ON SKIN:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- · Call a poison control center or doctor for treatment advice.

IF SWALLOWED:

- · Call a poison control center or doctor immediately for treatment advice.
- · Have person sip a glass of water if able to swallow.
- . Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

A microbiostatic agent is an agent that inhibits the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria. **7**

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. Harmful if absorbed through skin or inhaled. To not get in eyes. Avoid contact with skin and avoid breathing vapor. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

<u>Commercial and industrial uses:</u> This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of SIS AM500 can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of SIS AM500.

<u>Homeowner use:</u> This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

DIRECTIONS FOR USE Approved commercial and Industrial Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

Prepare solutions by simply adding SIS AM500 to solvent and stirring. Dilute SIS AM500 by adding 0.2 to 2 fluid ounces of SIS AM500 per cup (3.2 to 32 fluid ounces of SIS AM500 per gallon) of water or other solvents (for example, alcohol and ketones) and then applied to organic or inorganic substrates by brushing, dipping, padding, soaking, spraying, fogging or by using foam finishing techniques to give a final treatment of 0.1 to 1.0 percent by weight active ingredient.

Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. For each application determine optimum drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply SIS AM500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

SIS AM500 when used as a concrete additive is added directly during concrete preparation. Use 6 fluid ounces SIS AM500 per cubic feet of concrete. Add to water before addition of concrete. Addition of SIS AM500 reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

SIS AM500 when used as an additive for paints and coatings is added directly during preparation of the paint or coating. Use 5 pounds of SIS AM 500 per 100 pounds of paint or coating (or 1 pound SIS AM 500 per 20 pounds paint/ceating). The addition of the antimicrobial agent (SIS AM 500) to paints at the point of manufacture preserves the paint in the can as well as the dried paint film. SIS AM 500 inhabits the growth of odor causing bacteria, bacteria which causes staining and discoloration, fungi (mold and mildew), and algae on the surface of dried films and coatings.

Approved commercial and industrial applications

The active ingredient in SIS AM500 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. SIS AM500 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- · Air filters/materials
- · Aquarium filter material
- · Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- · Carpets and draperies
- Cellulose sponges
- · Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Concrete additive for repair and renewal of sewer pipes and manholes and concrete sewer structures; not to be used in treatment of storm drains
- · Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- · Fiberglass ductboard
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- · Mens underwear and outerwear
- · Non-woven disposable diapers
- Non-woven polyester
- · Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- · Polyurethane foam for household, industrial, and institutional sponges and mops
- · Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- · Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- · Roofing materials defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- Shoe insoles

- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- · Vacuum cleaner bags and filters
- · Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- · Women's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE

Approved commercial applications used in homes, offices, automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

For Pump Spray Application: Dilute 8 ounces of SIS AM500 per gallon of water (2 oz. per quart; 1oz. per pint). Using pump sprayer, spray entire area 4"- 6"s from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. SIS AM500 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more SIS AM500 may be required due to absorption. A fan may be used to assist in drying carpeting.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, pressure sprayers) dilute 8 ounces of SIS AM500 per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. SIS AM500 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more SIS AM500 may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpeting.

For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough SIS AM500 solution to completely submerge item. Dilute 8 ounces of SIS AM500 per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

The substrate can be dried at room temperatures or at temperatures to a maximum of 160° C (320° F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply SIS AM500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Approved commercial applications in homes, offices, automobiles and institutions e.g., schools, hospitals, day care centers, banks, churches, correctional facilities

The active ingredient in SIS AM500 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent.

SIS AM500 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- · Air filters/materials
- · Aquarium filter material
- · Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- · Carpets and draperies
- Cellulose sponges
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass ductboard
- · Fire hose fabric
- Humidifier belts
- · Mattress pads and ticking
- Mens underwear and outerwear
- · Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in nonfood contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants

- Roofing materials defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- · Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- · Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- · Women's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE For homeowner applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

Approved homeowner uses

The active ingredient in SIS AM500 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. SIS AM500 can be used as a final bacteriostatic finish on the following items to

impart bacteriostatic/fungistatic (mold and mildew) activity.

| | Pest controlled | Dilution Rate | Method of Application |
|---|---|---|--|
| Bedsheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hoisery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). SIS AM500 can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefins, polypropylene, rayon, silk, spandex, vinyl, and wool | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | DIP/SOAK: Dilute SIS AM500 in water; mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough SIS AM500 solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Drying may be attained by dripping dry or wringing excess liquid from treated item. For larger items (e.g., bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Dry the substrates by hang-drying at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). If necessary, reapply SIS AM500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. SPRAY: Dilute SIS AM500 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or |

| | | | sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary reapply SIS AM500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
|---|--|---|---|
| | Pest controlled | Dilution Rate | Method of Application |
| Air filters and air filter material for Furnaces, air conditioners Air purification systems Automobiles Recirculating air handling systems Vacuum cleaner filters Aquariums | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute SIS AM500 in water; mix well. When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply SIS AM500 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Carpeting | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute SIS AM500 in water; mix well. Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted SIS AM500 solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. SIS AM500 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates (e.g., wool carpeting), more SIS AM500 may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply SIS AM500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |

| THE WORLD TO THE HILLS AND THE RECEIVE | Pest | Dilution | Method of Application |
|---|--|---|--|
| | controlled | Rate | method of Application |
| Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon or wool | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute SIS AM500 in water; mix well. Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply SIS AM500 every three months or when odor, staining and discoloration due to bacteria, mold stains and mildew stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Tents, tarpaulins, sails, ropes. | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute SIS AM500 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply SIS AM500 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. DIP/SOAK: Dilute SIS AM500 in water and mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough SIS AM500 solution to completely submerge item. Keep item in solution for three minutes. Remove item and wring excess liquid. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). Remove excess liquid before |

| | | | attempting to dry in a clothes dryer. If necessary, reapply SIS AM500 every three months or when oder, staining and discoloration due to pacteria, mold stains, mildew stains, and algae stains return. |
|---|--|---|---|
| | Pest controlled | Dilution Rate | - Method of Application |
| Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats) | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute SIS AM500 in water; mix well. Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface making sure the surface is completely covered. After applying the dilute solution of SIS AM500, let stand until dry. SIS AM500 treats approximately 200 square feet of roofing per diluted gallon of water. If necessary, reapply SIS AM500 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Buffer pads (polishing and abrasive), Polyurethane and cellulose for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute SIS AM500 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply SIS AM500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, exterior surfaces of appliances, refrigerators (exterior), fiberglass, formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute SIS AM500 in water; mix well. Using a trigger pump sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply SIS AM500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |

MOLD, MILDEW, ODOR PROTECTOR AND INHIBITOR SIS AM500 is an antimicrobial agent effective against odor causing bacteria.

SIS AM500 is an antimicrobial agent effective against bacteria which cause staining and discoloration.

SIS AM500 is an antimicrobial agent effective against fungi (mold and mildew).

SIS AM500 is an antimicrobial agent effective against algae.

SIS AM500, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (mold and mildew), algaestatic.

SIS AM500, an antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow even in the cleanest of homes.

SIS AM500, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces like fiberglass, glazed porcelain, Formica®, stainless steel, synthetic marble.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.



STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

For Household/residential use packages:

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F) and above 0°C (32°F). Non-refillable container. Do not reuse or refill this container. Wrap container and put in trash or offer for recycling if available.

For industrial and commercial use packages:

Small Packages (1 gallon or less):

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F). This product has a minimum shelf life of 12 months after date of shipment.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: Non-refillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Pails, Drums and IBCs:

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F). This product has a minimum shelf life of 12 months after date of shipment.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: REFILLABLE CONTAINER. Refill this container with 3-(trimethoxysilyl) propyldimethyloctadecyl ammonium chloride only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

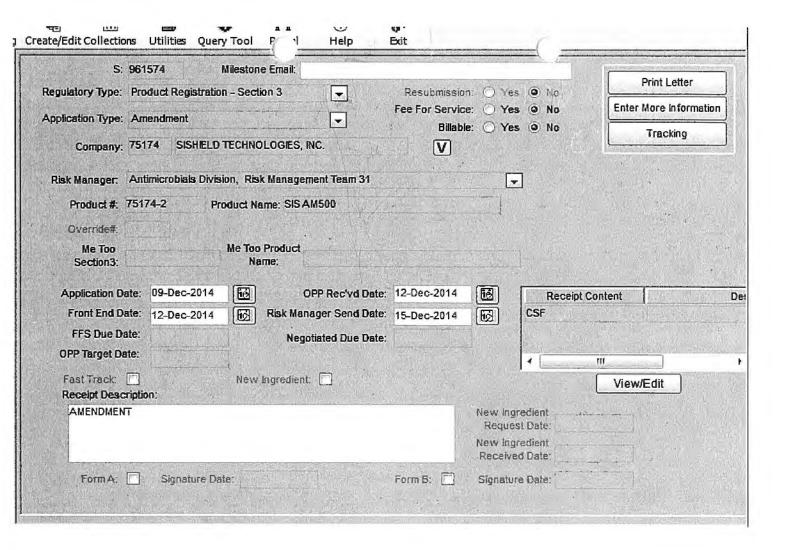


FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING BIOSHIELD TECHNOLOGIES, INC. AT 4405 INTERNATIONAL BOULEVARD, SUITE B109, NORCROSS, GEORGIA, 30093.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

BioShield Technologies, Inc., warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

BIOSHIELD SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY



John C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

December 15, 2014

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

KEVIN KUTCEL KRK CONSULTING LLC SISHIELD TECHNOLOGIES, INC. 5807 CHURCHILL WAY MEDINA, OH 44256-

PRODUCT NAME: SIS AM500

COMPANY NAME: SISHIELD TECHNOLOGIES, INC.

OPP IDENTIFICATION NUMBER:

EPA FILE SYMBOL: 75174-2 EPA RECEIPT DATE: 12/12/14

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Antimicrobials Division, Risk Management Team 31, at (703) 308-6233.

Sincerely,

Front End Processing Staff Information Services Branch

Information Technology & Resources Management Division



Fee for Service

{961574;~

| This package includes the following | for Division |
|---|---|
| New Registration Memore Amendment Studies? □ Fee Waiver? volpay % Reduction: | ● AD ● BPPD ● RD Risk Mgr. 31 |
| Receipt No. S- EPA File Symbol/Reg. No. Pin-Punch Date: | 961574 75174-2 12/11/2014 |
| This item is NOT subject to | o FFS action. |
| Action Code: Requested: 362 Granted: Amount Due: \$ | Parent/Child Decisions: |
| Inert Cleared for Intended Use Reviewer: Remarks: | Uncleared Inert in Product Date: 12-15-14 |

KRK Consulting LLC

5807 Churchill Way Medina, OH 44256 Tel: 440-263-7305

E-mail: kevinkutcel@gmail.com

December 9, 2014

US EPA (AMEND)
Office of Pesticide Programs
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: Fast Track Amendment for CSF Alt No. 1 (EPA No. 75174-2)

The purpose of this fast track amendment is to submit a CSF alternate formula #1 for "SiS AM500" (Reg. No. 75174-2). The only change is the addition of a stabilizer which is an inert ingredient in the formulation.

Please accept the following documentation for this fast track amendment:

- 1. Application (Form 8570-1)
- 2. One (1) copy of basic CSF (Form 8570-4)
- 3. Two (2) copies of proposed CSF Alternate Formulation #1 (Form 8570-4)
- 4. Material Safety Data Sheet for added inert ingredient.

Please note that KRK Consulting LLC is the authorized agent handling all correspondence for SiShield Technologies and therefore all responses should be directed to the contact information on the letterhead above.

Best Regards.

Kevin R. Kutcel,

Agent for SiShield Technologies

| Hease read instructions | on reverse before con | ing form. | Form Ar | proved MB No. 20 | 70-0060 | Print Form | | |
|--|---|--|--|--|---------------------|---|--|--|
| ⊗EPA | Environmenta | Inited States I Protection Age ngton, DC 20460 | Registratio Amendment Other | | | | | |
| | | Application for | Pesticide - Se | ction I | | | | |
| I. Company/Product Nur SiShield Technologies | | | 2. EPA Product M Velma Noble | lanager | (| posed Classification | | |
| I. Company/Product (Na SiShield Technologie | me) s / SIS AM 500 | | PM# 31 | | | None Nestricted | | |
| SiShield Technologie 17 Executive Park Dri Atlanta, GA 30329 | | | (b)(i), my producto: EPA Reg. No. Product Name | ct is similar or identi | cal in cor | FIFRA Section 3(c)(3) nposition and labeling | | |
| | | Sec | ction - II | | | | | |
| X Amendment - Exp Resubmission in Notification - Exp | response to Agency lette | r deted | Agency -Me Too | nted labels in response letter dated o" Application. Explain below. | to | | | |
| 1. Material This Produc | t Will Be Packaged In: | Sec | ction - III | | | | | |
| | X No X No No No ner | | | Water Soluble Packaging Yes No If "Yes" No. per Package wat container | | | | |
| be submitted 3. Location of Net Cont | Chit (Bokuging Wg | 4. Size(s) Retail Conta | | 5. Location of Lab | | | | |
| Label Manner in Which Lab | Container | Lithograph Paper glued Stenciled | | OtherOn Label | ling accom | panying product | | |
| | | | tion - IV | | | | | |
| 1. Contact Point /Com | plete items directly below | for identification of ind | ividual to be contac | ted, if necessary, to pr | ocess this | application.) | | |
| Name Kevin R. Kutcel | | Title Agent | | | Telephon 440-263 | c No. (Include Area Code) -7305 | | |
| | statements I have made of at any knowingly false or able lew. | | | | | 6. Date Application Received (Stamped) | | |
| 2. Signature | Milas | 3. Title Agent | | | | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | | |
| 4. Typed Name Kevin R. Kutcel | | 5. Date | , 2014 | | | 0 | | |



UNITED STATES, ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

December 2, 2014

Kevin Kutcel
SiShield Technologies
17 Executive Park Drive, Suite 563
Atlanta, GA 30329

Subject: Notification per PRN 98-10 – CSF alternate formula #1 for "SiS AM500"

Product Name: SIS AM 500

EPA Registration Number: 75174-2 Application Date: Oct 27, 2014 Decision Number: Oct 30, 2014

Dear Mr. Kutcel,

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10. The Antimicrobials Division has conducted a review of this request for its applicability under PRN 98-10 and finds that the request is <u>not acceptable</u> for the following reasons:

1. The creating of a new CSF must be done via Amendment with a chemistry review, not via notification.

2.

No further processing of this application will occur. Our records have been updated accordingly to note that this notification is <u>denied</u>.

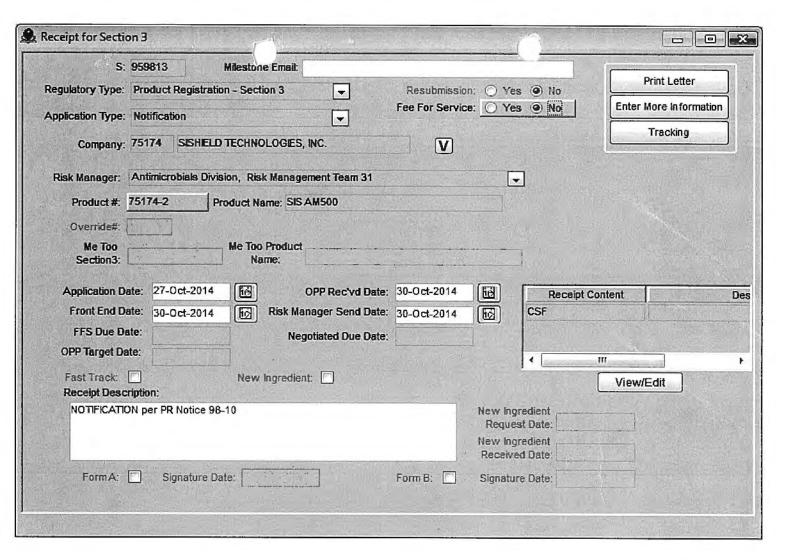
If you have any questions, you may contact John Cowden at 703-347-0259 or via email at Cowden.johnc@epa.gov.

Sincerely

∕John Cowden

Environmental Protection Specialist (31)

Regulatory Management Branch I Antimicrobials Division (7510P)



John C Branchator

KRK Consulting LLC

5807 Churchill Way Medina, OH 44256 Tel: 440-263-7305

E-mail: kevinkutcel@gmail.com

October 27, 2014

US EPA (AMEND) Office of Pesticide Programs Room S-4900, One Potomac Yard 2777 South Crystal Drive Arlington, VA 22202-4501

Subject: PR Notice 1998-10 Fast Track Amendment for CSF Alt No. 1 (EPA No. 75174-2)

The purpose of this fast track amendment is to submit a CSF alternate formula #1 for "SiS AM500" (Reg. No. 75174-2). The only change is the addition of a stabilizer which is an inert ingredient in the formulation.

This application does comply with the requirements of a notification per PR Notice 98-10. Please accept the following documentation for this notification:

- 1. Application (Form 8570-1)
- 2. One (1) copy of basic CSF (Form 8570-4)
- 3. Two (2) copies of proposed CSF Alternate Formulation #1 (Form 8570-4)
- 4. Material Safety Data Sheet for added inert ingredient.

This notification is consistent with the guidance in PR Notice 1998-10 and the requirements of EPA's regulations at 40 CFR 156.46, 156.140, 156.144, 156,146 and 156.156 and no other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand this it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of PR Notice 98-10 and CFR 156.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please note that KRK Consulting LLC is the authorized agent handling all correspondence for SiShield Technologies and therefore all responses should be directed to the contact information on the letterhead above.

Best Regards

Kevin R. Kutcel,

Agent for SiShield Technologies

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Kevin R. Kutsel Agent for SiShield Technologies KRK Consulting LLC 5807 Churchill Way Medina, OH 44256

JAM 16 2017

SUBJECT:

EPA Registration Number: 75174-2

Application Dated: December 19, 2012 Receipt Date: December 26, 2012

Dear Mr. Kutsel:

This letter acknowledges receipt of the notification identified above submitted under the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended and PR Notice 98-10 and 40 CFR 152.46.

• Addition of an alternate brand name "NANOMATRx".

Based on a review of the submitted information, this notification is unacceptable for the following reason: an alternate brand name "NANOMATRx" is false and misleading because it may give the user the impression that this product contains or relates to some forms of nanotechnology.

General Comments

Should you have any questions concerning this letter, please contact Emilia Oiguenblik at (703) 347-0109 or Velma Noble at (703) 308-6233.

Sincerely

Velma Noble

Product Manager (31)

Regulatory Management Branch I Antimicrobials Division (7510P)

| | CONCURRENCES | | | | | | | | | |
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FPA Form 1320-14 /1/00

RISK ASSIGNMENT FORM Antimicrobial Division/Regulatory Manageme... Branch I

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| Α | Completed by Product Manager | | | | | | | | | | | |
| | | EVIEWER: | | Ź | n. | ha. | | | | RMBI | TEAM 3 | <u> 1</u> |
| Тур | e of Action | on: | . 4 | Finding EPA File Symbol/Reg 1 75/74-2 | | | | | _ | | | |
| Dec | cision N | 0473726 | Suk | missio | n N | 0.928 | 643 | F€ | e for § | Service A | Action Code: | |
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| | Notification - Give to Enila | | | | | | | | | | | |
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| В | | | | | For | Arctic S | lope Contr | act | Only | | | |
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KRK Consulting LLC

5807 Churchill Way Medina, OH 44256 Tel: 440-263-7305

E-mail: kevinkutcel@gmail.com

December 20, 2012

US EPA (NOTIF)
Office of Pesticide Programs
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: PR Notice 1998-10 Notification for ABN (EPA No. 75174-2)

Please accept the attached 3 copies of the revised label for Reg. No. 75174-2 with the alternate brand name "NANOMATRx" per PR Notice 1998-10.

Attached is EPA Form 8570-1 regarding this notification as required in PR Notice 1998-10. This notification is consistent with the guidance in PR Notice 1998-10 and the requirements of EPA's regulations at 40 CFR 156.46, 156.140, 156.144, 156,146 and 156.156 and no other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand this it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of PR Notice 98-10 and CFR 156.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please note that KRK Consulting LLC is the authorized agent handling all correspondence for SiShield Technologies Inc. and therefore all responses should be directed to the contact information on the letterhead above.

Best Regards,

Kevin R. Kutcel,

Agent for SiShield Technologies, Inc.

| United States Environmental Protection Agency Washington, DC 20460 Application for Pesticide - Section I 1. Company/Product Number SiShield Technologies Inc. / 75174-2 Registration Amendment Amendment Z. EPA Product Manager Velma Noble Registration Amendment Amendment Z. EPA Product Manager Velma Noble 3. Proposed Classification | er _ | | | | | | | |
|--|-------|--|--|--|--|--|--|--|
| 1. Company/Product Number 2. EPA Product Manager Velma Noble 3. Proposed Classification Velma Noble | | | | | | | | |
| SiShield Technologies Inc. / 75174-2 Velma Noble | | | | | | | | |
| | icted | | | | | | | |
| 4. Company/Product (Name) SiShield Technologies Inc. /NANOMATRx PM# 31 | CLOU | | | | | | | |
| 5. Name and Address of Applicant (Include ZIP Code) SiShield Technologies Inc. 17 Executive Park Drive, Suite 563 Atlanta, GA 30329 Check if this is a new address 6. Expedited Review. In accordance with FIFRA Section 3(c) (b)(i), my product is similar or identical in composition and label to: EPA Reg. No. Product Name | | | | | | | | |
| Section - II | | | | | | | | |
| Amendment - Explain below. Resubmission in response to Agency letter dated "Me Too" Application. Notification - Explain below. Other - Explain below. | | | | | | | | |
| Explanation: Use additional page(s) if necessary. (For section I and Section II.) Please accept the alternate brand name for Reg. No. 75174-2 of "NANOMATRx" per PR Notice 98-10. Please see attached cover letter for required compliance statement regarding this PR Notice. | | | | | | | | |
| Section - III | | | | | | | | |
| 1. Material This Product Will Be Packaged In: | | | | | | | | |
| T, Material The Product Will be Packaged in: | | | | | | | | |
| Child-Resistant Packaging Unit Packaging Yes Yes No Certification must be submitted Unit Packaging Unit Packaging Water Soluble Packaging Yes Yes No. per Package wgt Container Water Soluble Packaging Yes Yes No. per Package wgt Container Other (Specify) | | | | | | | | |
| Child-Resistant Packaging Yes Yes X No **Certification must be submitted Child-Resistant Packaging Unit Packaging Water Soluble Packaging Yes Yes X No No No No No No Package wgt No, per container Package wgt Container Other (Specify) Child-Resistant Packaging Yes Yes X No No Container No Container | | | | | | | | |
| Child-Resistant Packaging Yes* Yes No Certification must be submitted Unit Packaging Unit Packaging Water Soluble Packaging Yes Yes Yes No Yes Yes Yes Yes Yes No Yes Other (Specify) | | | | | | | | |
| Child-Resistant Packaging Yes* Yes Yes No **Cartification must be submitted **Junction of Net Contents Information **Label* Container **Label* Unit Packaging Water Soluble Packaging Yes Yes Yes Yes Yes Yes No. per container Yes* No. per container Package wgt A. Size(s) Retail Container Section of Net Contents Information Section of Section of Label Directions Section of Section of Section of Label Directions Container Section of Section of Label Directions Container Co | | | | | | | | |
| Child-Resistant Packaging Yes* Yes Yes No Cartification must be submitted Container 4. Size(s) Retail Container Container Cont | | | | | | | | |
| Child-Resistant Packaging Yes* Yes No Certification must be submitted 1 Tyes* Unit Packaging wgt. No. per container Yes* Unit Packaging wgt. No. per container Package wgt No. per container Yes* Unit Packaging wgt. No. per container Package wgt No. per container Other (Specify) S. Location of Label Directions 1 60 2, 30 02, 64 02, 15 allon, 55 2 allon, 55 2 allons Sending scompanying product Lithograph Paper glued Stenciled | | | | | | | | |
| Child-Resistant Packaging Ves Yes Yes No Certification must be submitted A. Size(s) Retail Container Section - IV Section - IV Container Containe | ode) | | | | | | | |
| Child-Resistant Packaging Yes Yes Yes No Roper Cartification must be submitted 1 Telephone No: (include Area of Container) No. per Container Package wgt A. Size(s) Retail Container A. Size(s) Retail Container Section - IV 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) Name Child-Resistant Packaging Water Soluble Packaging Yes Yes No. per Paper Container Package wgt No. per Paper Container Package wgt Container A. Size(s) Retail Container | | | | | | | | |
| Child-Resistant Packaging Yes Yes Yes No Certification must be submitted Container A. Size(s) Retail Container Yes Water Soluble Packaging 2. Type of Container Yes Water Soluble Packaging 2. Type of Container Motal Plastic Glass Flastic Glass Paper Container Package wgt Container Package wgt Container Package wgt Container Paper Container Containe | | | | | | | | |
| Child-Resistant Packaging Unit Packaging Yes Yes Yes Water Soluble Packaging 2. Type of Container Metal Plastic Glass Gl | | | | | | | | |

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete.

White - EPA File Copy (original)

Yellow - Applicant Copy

NANOMATRX

SiShield Technologies, Inc.

17 Executive Park Drive, Suite 563, Atlanta, GA 30329 404.636.8900 / 404.636.8500 fax —

MICROBIOSTATIC AGENT

A Silicone Quaternary Ammonium Salt

| Active Ingredient: Other Ingredients: | 3-(trihydroxysilyl) propyldimethyloctadecyl ammonium chloride | 5.0% 95.0% |
|--|---|---------------|
| TOTAL INGREDIENTS: | | 100.0% |

WARNING

EPA Reg. No. 75174-2

EPA EST. 70918-SC-001

NET CONTENTS: 2, 4, 8, 16, 20, 22, or 36 fluid oz.; 1, 5, 55, 150, or 300 gal.

Lot No.

FIRST AID

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call poison control center or doctor for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- · Call a poison control center or doctor for futher treatment advice.

IF ON SKIN:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

A microbiostatic agent is an agent that inhibits the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. Harmful if absorbed through skin or inhaled. Do not get in eyes. Avoid contact with skin and avoid breathing vapor. Wear protective eyewear (goggles or face shield). Wash thoughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

<u>Commercial and industrial uses:</u> This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of NANOMATRx can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of NANOMATRx.

<u>Homeowner use:</u> This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

DIRECTIONS FOR USE Approved commercial and Industrial Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

Prepare solutions by simply adding NANOMATRx to solvent and stirring. Dilute NANOMATRx by adding 0.2 to 2 fluid ounces of NANOMATRx per cup (3.2 to 32 fluid ounces of NANOMATRx per gallon) of water or other solvents (for example, alcohol and ketones) and then applied to organic or inorganic substrates by brushing, dipping, padding, soaking, spraying, fogging or by using foam finishing techniques to give a final treatment of 0.1 to 1.0 percent by weight active ingredient.

Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. For each application determine optimum drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply NANOMATRx every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

NANOMATRx when used as a concrete additive is added directly during concrete preparation. Use 6 fluid ounces NANOMATRx per cubic feet of concrete. Add to water before addition of concrete. Addition of NANOMATRx reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

Approved commercial and industrial applications

The active ingredient in NANOMATRx is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. NANOMATRx can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- · Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Cellulose sponges
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Concrete additive for repair and renewal of sewer pipes and manholes and concrete sewer structures; not to be used in treatment of storm drains
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass ductboard
- Fire hose fabric
- Humidifier belts
- · Mattress pads and ticking
- · Mens underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- · Polyurethane foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- · Polyurethane foam for packaging and cushioning in non-food contact applications
- · Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- · Roofing materials defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- · Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool

- · Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE

Approved commercial applications used in homes, offices, automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

For Pump Spray Application: Dilute 8 ounces of NANOMATRx per gallon of water (2 oz. per quart; 1oz. per pint). Using pump sprayer, spray entire area 4"- 6"s from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. NANOMATRx treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more NANOMATRx may be required due to absorption. A fan may be used to assist in drying carpeting.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, pressure sprayers) dilute 8 ounces of NANOMATRx per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. NANOMATRx treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more NANOMATRx may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpeting.

For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough NANOMATRx solution to completely submerge item. Dilute 8 ounces of NANOMATRx per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

The substrate can be dried at room temperatures or at temperatures to a maximum of 160° C (320° F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply NANOMATRx every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Approved commercial applications in homes, offices, automobiles and institutions e.g., schools, hospitals, day care centers, banks, churches, correctional facilities

The active ingredient in NANOMATRx is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent.

NANOMATRx can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- Air filters/materials
- Aguarium filter material
- · Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Cellulose sponges
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- · Fiberglass ductboard
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Mens underwear and outerwear
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in nonfood contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants

- Roofing materials defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- · Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- · Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE For homeowner applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

Approved homeowner uses

The active ingredient in NANOMATRx is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. NANOMATRx can be used as a final bacteriostatic finish on the following items

to impart bacteriostatic/fungistatic (mold and mildew) activity.

| | Pest controlled | Dilution Rate | Method of Application |
|---|---|---|--|
| Bedsheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hoisery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). NANOMATRx can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefins, polypropylene, rayon, silk, spandex, vinyl, and wool | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | DIP/SOAK: Dilute NANOMATRx in water; mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough NANOMATRx solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Drying may be attained by dripping dry or wringing excess liquid from treated item. For larger items (e.g., bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Dry the substrates by hang-drying at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). If necessary, reapply NANOMATRx every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. SPRAY: Dilute NANOMATRx in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with |

| | Pest controlled | Dilution Rate | cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply NANOMATRx every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. Method of Application |
|---|--|---|---|
| Air filters and air filter material for Furnaces, air conditioners Air purification systems Automobiles Recirculating air handling systems Vacuum cleaner filters Aquariums | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute NANOMATRx in water, mix well. When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply NANOMATRx every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Carpeting | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute NANOMATRx in water; mix well. Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted NANOMATRx solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. NANOMATRx treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates (e.g., wool carpeting), more NANOMATRx may be required due to absorption. Dry carpet areas and surfaces before reentry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply NANOMATRx every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |

| | Pest controlled | Dilution Rate | Method of Application |
|---|--|---|--|
| Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon or wool | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute NANOMATRx in water; mix well. Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply NANOMATRx every three months or when odor, staining and discoloration due to bacteria, mold stains and mildew stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Tents, tarpaulins, sails, ropes. | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute NANOMATRx in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply NANOMATRx every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. DIP/SOAK: Dilute NANOMATRx in water and mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough NANOMATRx solution to completely submerge item. Keep item in solution for three minutes. Remove item and wring excess liquid. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). Remove excess liquid before |

| | Pest controlled | Dilution Rate | attempting to dry in a clothes dryer. If necessary, reapply NANOMATRx every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. Method of Application |
|---|--|---|---|
| Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats) | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute NANOMATRx in water, mix well. Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface making sure the surface is completely covered. After applying the dilute solution of NANOMATRx, let stand until dry. NANOMATRx treats approximately 200 square feet of roofing per diluted gallon of water. If necessary, reapply NANOMATRx every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Buffer pads (polishing and abrasive), Polyurethane and cellulose for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute NANOMATRx in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply NANOMATRx every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, exterior surfaces of appliances, refrigerators (exterior), fiberglass, formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute NANOMATRx in water; mix well. Using a trigger pump sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply NANOMATRx every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |

MOLD, MILDEW, ODOR PROTECTOR AND INHIBITOR NANOMATRx is an antimicrobial agent effective against odor causing bacteria.

NANOMATRx is an antimicrobial agent effective against bacteria which cause staining and discoloration.

NANOMATRx is an antimicrobial agent effective against fungi (mold and mildew).

NANOMATRx is an antimicrobial agent effective against algae.

NANOMATRx, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (mold and mildew), algaestatic.

NANOMATRx, an antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow even in the cleanest of homes.

NANOMATRx, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces like fiberglass, glazed porcelain, Formica®, stainless steel, synthetic marble.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

For Household/residential use packages:

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F) and above 0°C (32°F). Non-refillable container. Do not reuse or refill this container. Wrap container and put in trash or offer for recycling if available.

For industrial and commercial use packages:

Small Packages (1 gallon or less):

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F). This product has a minimum shelf life of 12 months after date of shipment.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: Non-refillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Pails, Drums and IBCs:

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F). This product has a minimum shelf life of 12 months after date of shipment.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: REFILLABLE CONTAINER. Refill this container with 3-(trimethoxysilyl) propyldimethyloctadecyl ammonium chloride only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING BIOSHIELD TECHNOLOGIES, INC. AT 4405 INTERNATIONAL BOULEVARD, SUITE B109 NORCROSS, GEORGIA, 30093.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

BioShield Technologies, Inc., warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

BIOSHIELD SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Kevin Kutcel Agent for SisShield 5807 Churchill Way Medina, Ohio 44256

43.1

Dear Mr. Kutcel:

We have recently revised the labels and found that the products, which have Registration Numbers 75174-2 and 75174-7 can be applied using a variety of application methods. However, several of the listed application methods do not contain directions on how to apply this product using the listed application methods. Specifically there are no directions on how to apply this product by padding, foam finishing and fogging.

You must add directions on how to apply this product using above application methods. Alternatively, you can remove one or more of those application methods from the label.

Revise labels either removing the application methods described above or adding appropriate directions on how to apply the product by that method. You must send revised labels to the Agency within 30 days from the date of this letter.

If you have any questions concerning this letter please contact Emilia Oiguenblik at (703) 347 0199 or Velma Noble at (703) 308-6233.

Product Manager (31)

Regulatory Management Branch I Antimicrobials Division (7510P)

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460



United States Environmental Protection Agency Office of Pesticide Programs

Kevin Kutcel, SiShield Technologies, Inc. 17 Executive Park Drive, Suite 563, Atlanta, Ga. 30329

MAR 23 110

Subject:

eG0500

Registration No.:

75174-2

Date Submitted:

2/14/12

Date Received:

2/21/12

Submission #:

912030

Dear Mr. Kutcel,

This letter acknowledges receipt of your notification submitted under the provision of the Federal Insecticide, Fungicide and Rodenticide Act. (FIFRA). PR Notice 2007-4.

Proposed Notification:

Alternative Brand Name, "eG0500".

General Comments:

Based on a review of the submitted material your application for Reg # 75174-2, as listed, is acceptable. A copy has been placed in our records for future reference.

Should you have any questions or comments concerning this letter, please contact Velma Noble PM Team 31 at (703) 308-6233 or Jamil Mixon at (703) 308-8032.

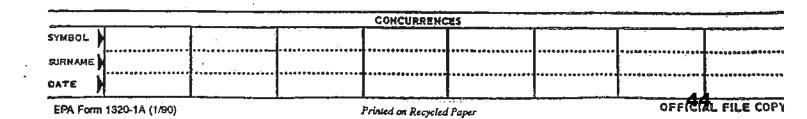
Sincerely

velma Noble,

Product Manager, Team 31

Regulatory Management Branch

Antimicrobials Division (7510P)



KRK Consulting LLC

5807 Churchill Way Medina, OH 44256 Tel: 440-263-7305

E-mail: kevinkutcel@gmail.com

February 14, 2012

US EPA (NOTIF)
Office of Pesticide Programs
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: PR Notice 1998-10 Notification for ABN (EPA No. 75174-2)

Please accept the attached 3 copies of the revised label for Reg. No. 75174-2 with the alternate brand name "eG0500" per PR Notice 1998-10.

Attached is EPA Form 8570-1 regarding this notification as required in PR Notice 1998-10. This notification is consistent with the guidance in PR Notice 1998-10 and the requirements of EPA's regulations at 40 CFR 156.46, 156.140, 156.144, 156,146 and 156.156 and no other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand this it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of PR Notice 98-10 and CFR 156.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please note that KRK Consulting LLC is the authorized agent handling all correspondence for SiShield Technologies Inc. and therefore all responses should be directed to the contact information on the letterhead above.

Best Regards.

Kevin R. Kutcel,

Agent for SiShield Technologies, Inc.

| Please read instructions on reverse b | completing form. | Form | Ar ved, OMB | No. 2070-0060 | Print Form | |
|--|--|--|--|---|--|--|
| SEPA Environm | United States ental Protection Washington, DC 20460 | | Reg | istration endment | OPP Identifier Number | |
| | Application | for Pesticide - | Section I | | | |
| 1. Company/Product Number SiShield Technologies Inc. / 75174-2 | | 2. EPA Product Velma Noble | | 3. Pr | oposed Classification | |
| 4. Company/Product (Name) SiShield Technologies Inc. /eG0500 | | PM# 31 | | | None Restricted | |
| 5. Name and Address of Applicant (Include SiShield Technologies Inc. 17 Executive Park Drive, Suite 563 Atlanta, GA 30329 Check if this is a new address. | | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. Product Name | | | | |
| | | Section - II | | | | |
| Amendment - Explain below. Resubmission in response to Agenc X Notification - Explain below. | y letter dated | Agenc | printed labels in re cy letter dated foo" Application. - Explain below. | sponse to | | |
| Please accept the alternate brand nam required compliance statement regard | ing this PR Notice. | Section - III | | | В | |
| 1. Material This Product Will Be Packaged I | n: | | | | | |
| Yes Yes X No Yes X No | Yes Yes X No Yes X No Per If "Yes" No. p | | | | ipecify) | |
| 3. Location of Net Contents Information X Label Container | 4. Size(s) Retail | Container | X Or | of Label Direction Label Labeling accom | panying product | |
| 6. Manner in Which Label is Affixed to Prod | Lithograp Paper git Stenciled | ued | Other | | | |
| | | Section - IV | | | | |
| 1. Contact Point (Complete items directly I | below for identification | of individual to be conta | cted, if necessary | , to process this | epplication.) | |
| Name Kevin Kutcel | | I (onsultant | | | No. (include Area Code) -7305 | |
| I certify that the statements I have m I acknowledge that any knowingly fal both under applicable law. | Certification and all se or misleading statements | attachments thereto ar | e true, accurate a by fine or imprisor | and complete. | 6. Date Application Peoplication (Stamped) | |
| 2. Signature | Title onsultant | | | 4 | | |
| 4. Typod Name Kevin Kutcel | Date eb 14, 2012 | | | 4 4 ccccc | | |

EPA Form 8570-1 (Rev. 8-94) Previous aditions are obsolete.

White - EPA File Copy (original)

Yellow - Applicant Copy

eG0500

SiShield Technologies, Inc.

17 Executive Park Drive, Suite 563, Atlanta, GA 30329 404.636.8900 / 404.636.8500 fax --

MICROBIOSTATIC AGENT

A Silicone Quaternary Ammonium Salt

| Active Ingredient: Other Ingredients: | 3-(trihydroxysilyl) propyldimethyloctadecyl ammonium chloride | 5.0% 95.0% |
|--|---|---------------|
| TOTAL | *************************************** | 95.0% |
| INGREDIENTS: | | 100.0% |

WARNING

EPA Reg. No. 75174-2

EPA EST. 70918-SC-001

NET CONTENTS: 2, 4, 8, 16, 20, 22, or 36 fluid oz.; 1, 5, 55, 150, or 300 gal.

Lot No.

FIRST AID

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call poison control center or doctor for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for futher treatment advice.

IF ON SKIN:

- · Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

A microbiostatic agent is an agent that inhibits the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. Harmful if absorbed through skin or inhaled. Do not get in eyes. Avoid contact with skin and avoid breathing vapor. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

Commercial and industrial uses: This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of eG0500 can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of eG0500.

<u>Homeowner use:</u> This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

DIRECTIONS FOR USE Approved commercial and Industrial Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

Prepare solutions by simply adding eG0500 to solvent and stirring. Dilute eG0500 by adding 0.2 to 2 fluid ounces of eG0500 per cup (3.2 to 32 fluid ounces of eG0500 per gallon) of water or other solvents (for example, alcohol and ketones) and then applied to organic or inorganic substrates by brushing, dipping, padding, soaking, spraying, fogging or by using foam finishing techniques to give a final treatment of 0.1 to 1.0 percent by weight active ingredient.

Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. For each application determine optimum drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply eG0500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

eG0500 when used as a concrete additive is added directly during concrete preparation. Use 6 fluid ounces eG0500 per cubic feet of concrete. Add to water before addition of concrete. Addition of eG0500 reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

Approved commercial and industrial applications

The active ingredient in eG0500 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. eG0500 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- · Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- Air filters/materials
- · Aquarium filter material
- · Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- · Carpets and draperies
- Cellulose sponges
- · Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Concrete additive for repair and renewal of sewer pipes and manholes and concrete sewer structures; not to be used in treatment of storm drains
- · Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- · Fiberglass ductboard
- Fire hose fabric
- · Humidifier belts
- Mattress pads and ticking
- · Mens underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- · Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- · Polyurethane foam for household, industrial, and institutional sponges and mops
- · Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- · Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- · Roofing materials defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- · Sand bags, tents, tarpaulins, sails, and ropes
- · Athletic and casual shoes
- · Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- . Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool

- · Vacuum cleaner bags and filters
- · Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- · Women's intimate apparel

DIRECTIONS FOR USE

Approved commercial applications used in homes, offices, automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

For Pump Spray Application: Dilute 8 ounces of eG0500 per gallon of water (2 oz. per quart; 1oz. per pint). Using pump sprayer, spray entire area 4"- 6"s from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. eG0500 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more eG0500 may be required due to absorption. A fan may be used to assist in drying carpeting.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, pressure sprayers) dilute 8 ounces of eG0500 per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. eG0500 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more eG0500 may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpeting.

For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough eG0500 solution to completely submerge item. Dilute 8 ounces of eG0500 per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

The substrate can be dried at room temperatures or at temperatures to a maximum of 160° C (320° F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply eG0500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Approved commercial applications in homes, offices, automobiles and institutions e.g., schools, hospitals, day care centers, banks, churches, correctional facilities

The active ingredient in eG0500 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent.

eG0500 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- Air filters/materials
- · Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- · Carpets and draperies
- · Cellulose sponges
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass ductboard
- Fire hose fabric
- Humidifier belts
- · Mattress pads and ticking
- · Mens underwear and outerwear
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in nonfood contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants

- Roofing materials defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- · Sand bags, tents, tarpaulins, sails, and ropes
- · Athletic and casual shoes
- Shoe insoles
- · Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- · Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- · Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's intimate apparel



DIRECTIONS FOR USE For homeowner applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

Approved homeowner uses

The active ingredient in eG0500 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. eG0500 can be used as a final bacteriostatic finish on the following items to impart

bacteriostatic/fungistatic (mold and mildew) activity.

| | Pest controlled | Dilution Rate | Method of Application |
|--|---|---|--|
| Bedsheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hoisery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). eG0500 can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefins, polypropylene, rayon, silk, spandex, vinyl, and wool | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | DIP/SOAK: Dilute eG0500 in water; mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough eG0500 solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Drying may be attained by dripping dry or wringing excess liquid from treated item. For larger items (e.g., bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Dry the substrates by hang-drying at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). If necessary, reapply eG0500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. SPRAY: Dilute eG0500 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or |

| | | | 7.1.5 *** |
|---|--|---|---|
| | | | sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply eC0500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Air filters and air filter material for Furnaces, air conditioners Air purification systems Automobiles Recirculating air handling systems Vacuum cleaner filters Aquariums | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute eG0500 in water; mix well. When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply eG0500 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Carpeting | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute eG0500 in water; mix well. Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted eG0500 solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. eG0500 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates (e.g., wool carpeting), more eG0500 may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply eG0500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Mattress pad and mattress ticking and | Odor causing | 8 oz./ gallon | SPRAY: Dilute eG0500 in water; mix well. Clean surfaces |
| | | | |

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| upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon or wool | bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 2 oz./ quart 1 oz./pint | prior to application. Using a trigger pump sprayer spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply eG0500 every three months or when odor, staining and discoloration due to bacteria, mold stains and mildew stains return. |
|---|--|---|--|
| | Pest controlled | Dilution Rate | Method of Application |
| Tents, tarpaulins, sails, ropes. | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute eG0500 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply eG0500 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. DIP/SOAK: Dilute eG0500 in water and mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough eG0500 solution to completely submerge item. Keep item in solution for three minutes. Remove item and wring excess liquid. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply eG0500 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and |

| | | | algae stains return. |
|---|--|---|---|
| | Pest controlled | Dilution Rate | Method of Application |
| Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats) | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute eG0500 in water; mix well. Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface making sure the surface is completely covered. After applying the dilute solution of eG0500, let stand until dry. eG0500 treats approximately 200 square feet of roofing per diluted gallon of water. If necessary, reapply eG0500 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Buffer pads (polishing and abrasive), Polyurethane and cellulose for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute eG0500 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply eG0500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, exterior surfaces of appliances, refrigerators (exterior), fiberglass, formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute eG0500 in water; mix well. Using a trigger pump sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply eG0500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |

MOLD, MILDEW, ODOR PROTECTOR AND INHIBITOR eG0500 is an antimicrobial agent effective against odor causing bacteria. eG0500 is an antimicrobial agent effective against bacteria which cause staining and discoloration.

eG0500 is an antimicrobial agent effective against fungi (mold and mildew).

eG0500 is an antimicrobial agent effective against algae.

eG0500, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (mold and mildew), algaestatic.

eG0500, an antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow even in the cleanest of homes, eG0500, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces like fiberglass, glazed porcelain, Formica®, stainless steel, syntnetic marble.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

For Household/residential use packages:

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F) and above 0°C (32°F). Non-refillable container. Do not reuse or refill this container. Wrap container and put in trash or offer for recycling if available.

For industrial and commercial use packages:

Small Packages (1 gallon or less):

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F). This product has a minimum shelf life of 12 months after date of shipment.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: Non-refillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Pails, Drums and IBCs:

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F). This product has a minimum shelf life of 12 months after date of shipment.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

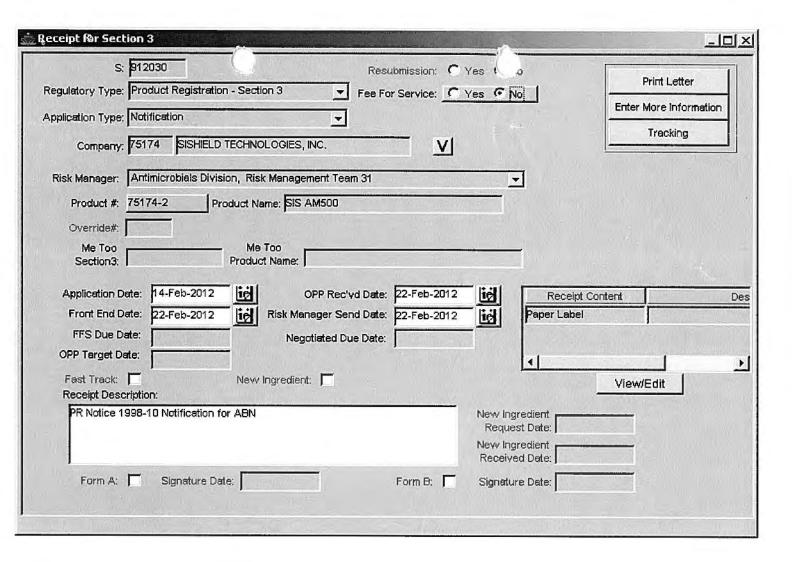
Container Handling: REFILLABLE CONTAINER. Refill this container with 3-(trimethoxysilyl) propyldimethyloctadecyl ammonium chloride only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING BIOSHIELD TECHNOLOGIES, INC. AT 4405 INTERNATIONAL BOULEVARD, SUITE B109, NORCROSS, GEORGIA, 30093.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

BioShield Technologies, Inc., warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

BIOSHIELD SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY



Material Sent for Data Extraction

| Reg # 75/74-2 |
|---|
| Description: |
| ☐ Material(s) Sent to Data Extraction Contractors: |
| New Stamped Label Dated |
| Notification Dated |
| ☐ New CSF(s) Dated |
| Other: |
| Decision #: 459622 |
| ☐ Other Action/Comments: |
| |
| Attach this coversheet to the top of the material or jacket. I must be well organized and clipped together, NOT STAPLED. Then give the material with this coversheet to staff in the Information Services Center (Room S-4900). |
| Reviewer: E. Oignenblik |
| Phone: 347-0199 Division: 48 |
| Date: Created February 3, 2011 |

Kevin R. Kutsel Agent for SiShield Technologies KRK Consulting LLC 5807 Churchill Way Medina, OH 44256

JAN 25 2012

SUBJECT:

EPA Registration Number: 75174-2 Application Dated: December 20, 2011 Receipt Date: December 27, 2011

Dear Mr. Kutsel:

This letter acknowledges receipt of the notification identified above submitted under the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended and PR Notice 98-10 and 40 CFR 152.46.

• Addition of an alternate brand name "Ecogard".

Based on a review of the submitted information, this notification is unacceptable for the following reason: use the term "eco" is not permissible because it implies safety and environmental preference [See 40 CFR 156.10(a)(5)(x)].

General Comments

Should you have any questions concerning this letter, please contact Emilia Oiguenblik at (703) 347-0109 or Velma Noble at (703) 308-6233.

Sincerely,

Product Manager (31)

Regulatory Management Branch I

SURNAME DATE

BATE

Printed on Recycled Paper

CONCURRENCES

CONCURRENCE

| Please read instructions on reverse before completio | Form Approved, OMB 2070-0060 Print Form | | | | |
|---|--|--|--|--|--|
| SEPA Environmental Protection A Washington, DC 20460 | gency Registration Amendment OPP Identifier Number Other | | | | |
| Application for | r Pesticide - Section I | | | | |
| Company/Product Number SiShield Technologies Inc. / 75174-2 | 2. EPA Product Manager Velma Noble 3. Proposed Classification X None Restricted | | | | |
| 4. Company/Product (Name) SiShield Technologies Inc. / Ecogard | PM# | | | | |
| 5. Name and Address of Applicant (Include ZIP Code) SiShield Technologies Inc. 17 Executive Park Drive, Suite 563 Atlanta, GA 30329 Check if this is a new address | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. Product Name | | | | |
| | ection - II | | | | |
| Amendment - Explain below. Resubmission in response to Agency letter dated X Notification - Explain below. | Final printed labels in response to Agency letter dated "Me Too" Application. Other - Explain below. | | | | |
| Explanation: Use additional page(s) if necessary. (For section I and Section II.) Please accept the alternate brand name for Reg. No. 75174-2 of "Ecogard" per PR Notice 98-10. Please see attached cover letter for required compliance statement regarding this PR Notice. | | | | | |
| Section - III | | | | | |
| 1. Material This Product Will Be Packaged In: | | | | | |
| Yes* X No If "Yes* No. per | ter Soluble Packaging 2. Type of Container Matal Plastic Glass Yes" No. per ckage wgt conteiner Other (Specify) | | | | |
| <u> </u> | 300 gallo-25 On Labeling accompanying product | | | | |
| 6. Manner in Which Label is Affixed to Product Lithograph Peper glued Stenciled | Other | | | | |
| Section - IV | | | | | |
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process tois application.) | | | | | |
| Name Title Con | sultant (1-2-2-3-3-7305). (Include Area Code) | | | | |
| Certification I certify that the statements I have made on this form and all at I acknowledge that any knowingly false or misleading statemen both under applicable law. | | | | | |
| 2. Signature 3. Tit | sultant | | | | |
| 4. Typed Name 5. Da Kevin Kutcel 12/ | te 20/2011 | | | | |

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolets.

White - EPA File Copy (original)

Yellow - Applicant Copy

KRK Consulting LLC

5807 Churchill Way Medina, OH 44256 Tel: 440-263-7305

E-mail: kevinkutcel@gmail.com

December 20, 2011

US EPA (NOTIF)
Office of Pesticide Programs
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: PR Notice 1998-10 Notification for ABN (EPA No. 75174-2)

Please accept the attached 3 copies of the revised label for Reg. No. 75174-2 with the alternate brand name "Ecogard" per PR Notice 1998-10.

Attached is EPA Form 8570-1 regarding this notification as required in PR Notice 1998-10. This notification is consistent with the guidance in PR Notice 1998-10 and the requirements of EPA's regulations at 40 CFR 156.46, 156.140, 156.144, 156,146 and 156.156 and no other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand this it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of PR Notice 98-10 and CFR 156.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please note that KRK Consulting LLC is the authorized agent handling all correspondence for SiShield Technologies Inc. and therefore all responses should be directed to the contact information on the letterhead above.

Best Regards,

Kevin R. Kutcel,

Agent for SiShield Technologies, Inc.

NOTIFICATION

Date Reviewed By: Organic Reviewed By



SiShield Technologies, Inc.

17 Executive Park Drive, Suite 563, Atlanta, GA 30329 404.636.8900 / 404.636.8500 fax -

MICROBIOSTATIC AGENT

A Silicone Quaternary Ammonium Salt

WARNING

EPA Reg. No. 75174-2

EPA EST. 70918-SC-001

NET CONTENTS: 2, 4, 8, 16, 20, 22, or 36 fluid oz.; 1, 5, 55, 150, or 300 gal.

Lot No.

FIRST AID

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- · Call poison control center or doctor for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for futher treatment advice.

IF ON SKIN:

- · Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- · Call a poison control center or doctor for treatment advice.

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

A microbiostatic agent is an agent that inhibits the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. Harmful if absorbed through skin or inhaled. Do not get in eyes. Avoid contact with skin and avoid breathing vapor. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

Commercial and industrial uses: This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For quidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of Ecogard can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of Ecogard.

<u>Homeowner use:</u> This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

DIRECTIONS FOR USE Approved commercial and Industrial Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

Prepare solutions by simply adding Ecogard to solvent and stirring. Dilute Ecogard by adding 0.2 to 2 fluid ounces of Ecogard per cup (3.2 to 32 fluid ounces of Ecogard per gallon) of water or other solvents (for example, alcohol and ketones) and then applied to organic or inorganic substrates by brushing, dipping, padding, soaking, spraying, fogging or by using foam finishing techniques to give a final treatment of 0.1 to 1.0 percent by weight active ingredient.

Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. For each application determine optimum drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply Ecogard every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Ecogard when used as a concrete additive is added directly during concrete preparation. Use 6 fluid ounces Ecogard per cubic feet of concrete. Add to water before addition of concrete. Addition of Ecogard reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

Approved commercial and industrial applications

The active ingredient in Ecogard is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. Ecogard can be used as a final bacteriostotic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling-systems
- Air filters/materials
- · Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Cellulose sponges
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Concrete additive for repair and renewal of sewer pipes and manholes and concrete sewer structures; not to be used in treatment of storm drains
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass ductboard
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Mens underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane foam for household, industrial, and institutional sponges and mops
- · Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- · Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- · Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool

- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE

Approved commercial applications used in homes, offices, automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

For Pump Spray Application: Dilute 8 ounces of Ecogard per gallon of water (2 oz. per quart; 1oz. per pint). Using pump sprayer, spray entire area 4"- 6"s from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. Ecogard treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more Ecogard may be required due to absorption. A fan may be used to assist in drying carpeting.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, pressure sprayers) dilute 8 ounces of Ecogard per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. Ecogard treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more Ecogard may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpeting.

For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Ecogard solution to completely submerge item. Dilute 8 ounces of Ecogard per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

The substrate can be dried at room temperatures or at temperatures to a maximum of 160° C (320° F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply Ecogard every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Approved commercial applications in homes, offices, automobiles and institutions e.g., schools, hospitals, day care centers, banks, churches, correctional facilities

The active ingredient in Ecogard is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent.

Ecogard can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- · Carpets and draperies
- Cellulose sponges
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass ductboard
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Mens underwear and outerwear
- · Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in nonfood contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants

- Roofing materials defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE For homeowner applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

Approved homeowner uses

The active ingredient in Ecogard is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. Ecogard can be used as a final bacteriostatic finish on the following items to impart

bacteriostatic/fungistatic (mold and mildew) activity.

| | Pest controlled | Dilution Rate | Method of Application |
|---|---|---|--|
| Bedsheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hoisery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). Ecogard can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefins, polypropylene, rayon, silk, spandex, vinyl, and wool | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | DIP/SOAK: Dilute Ecogard in water; mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Ecogard solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Drying may be attained by dripping dry or wringing excess liquid from treated item. For larger items (e.g., bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Dry the substrates by hang-drying at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). If necessary, reapply Ecogard every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. SPRAY: Dilute Ecogard in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or |

| | Pest | Dilution | sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply Ecogard every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. Method of Application |
|--|---|---|--|
| Air filters and air filter material for Furnaces, air conditioners Air purification systems Automobiles Recirculating air handling systems | Odor causing bacteria, bacteria which cause staining and | Rate 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute Ecogard in water; mix well. When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry. If necessary, |
| Vacuum cleaner filters Aquariums | discoloration, fungi (mold and mildew), and algae | | reapply Ecogard every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Carpeting | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute Ecogard in water; mix well. Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted Ecogard solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. Ecogard treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates (e.g., wool carpeting), more Ecogard may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply Ecogard every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Mattress pad and mattress ticking and | Odor causing | 8 oz./ gallon | SPRAY: Dilute Ecogard in water; mix well. Clean surfaces |

| upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon or wool | bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 2 oz./ quart 1 oz./pint | prior to application. Using a trigger pump sprayer spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply Ecogard every three months or when odor, staining and discoloration due to bacteria, mold stains and mildew stains return. |
|---|--|---|---|
| | Pest controlled | Dilution Rate | Method of Application |
| Tents, tarpaulins, sails, ropes. | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute Ecogard in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply Ecogard every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. DIP/SOAK: Dilute Ecogard in water and mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough Ecogard solution to completely submerge item. Keep item in solution for three minutes. Remove item and wring excess liquid. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply Ecogard every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and |

| | | | algae stains return. | |
|---|--|---|---|--|
| | Pest controlled | Dilution Rate | Method of Application | |
| Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats) | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute Ecogard in water; mix well. Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface making sure the surface is completely covered. After applying the dilute solution of Ecogard, let stand until dry. Ecogard treats approximately 200 square feet of roofing per diluted gallon of water. If necessary, reapply Ecogard every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. | |
| | Pest controlled | Dilution Rate | Method of Application | |
| Buffer pads (polishing and abrasive), Polyurethane and cellulose for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute Ecogard in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply Ecogard every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. | |
| | Pest controlled | Dilution Rate | Method of Application | |
| Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, exterior surfaces of appliances, refrigerators (exterior), fiberglass, formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute Ecogard in water; mix well. Using a trigger pump sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply Ecogard every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. | |

MOLD, MILDEW, ODOR PROTECTOR AND INHIBITOR Ecogard is an antimicrobial agent effective against odor causing bacteria.

Ecogard is an antimicrobial agent effective against bacteria which cause staining and discoloration.

Ecogard is an antimicrobial agent effective against fungi (mold and mildew).

Ecogard is an antimicrobial agent effective against algae.

Ecogard, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (mold and mildew), algaestatic.

Ecogard, an antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow even in the cleanest of homes.

Ecogard, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces like fiberglass, glazed porcelain, Formica®, stainless steel, synthetic marble.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

For Household/residential use packages:

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F) and above 0°C (32°F). Non-refillable container. Do not reuse or refill this container. Wrap container and put in trash or offer for recycling if available.

For industrial and commercial use packages:

Small Packages (1 gallon or less):

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F). This product has a minimum shelf life of 12 months after date of shipment.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: Non-refillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Pails, Drums and IBCs:

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F). This product has a minimum shelf life of 12 months after date of shipment.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: REFILLABLE CONTAINER. Refill this container with 3-(trimethoxysilyl) propyldimethyloctadecyl ammonium chloride only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING BIOSHIELD TECHNOLOGIES, INC. AT 4405 INTERNATIONAL BOULEVARD, SUITE B109, NORCROSS, GEORGIA, 30093.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

BioShield Technologies, Inc., warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

BIOSHIELD SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY

UNITL STATES ENVIRONMENTAL PROTECTIC. AGENCY

Kevin R. Kutcel Agent for SiShield Technologies KRK Consulting LLC 5807 Churchill Way Medina, OH 44256

SUBJECT:

SIS AM 500

EPA Registration Number: 75174-2 Application Dated: September 5, 2011 Receipt Date: November 15, 2011 DEC 1.5 200

Dear Mr. Kutcel:

This letter acknowledges receipt of the notification identified above submitted under the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act (FIRRA), as amended and PR Notice 98-10.

Revised Basic Confidential Statement of Formula

Based on a review of the submitted information this notification is acceptable. The Confidential Statement of Formula (CSF) for the Basic Formula dated 9/6/11 and received by the Agency on 11/15/11 is acceptable. This notification will be made part of the record for this file.

General Comments

Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,

Velma Noble.

Product Manager (31).

Regulatory management Branch I Antimicrobials Division (7510P)

7510P:T.Lantz:12/14/11:75174-2 b acceptable notification

| | CONCURRENCES | | | | | | | | | |
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| EPA Form 1320-1A (1/90) | | | Printed on Recycled Paper | | | | OFFICIAL FILE COPT | | | |

RISK ASSIGNMENT FORM Antimicrobial Division/Regulatory Management Branch I

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| PR | ODUCT | REVIEWER: | Tracy | | | | RMBI | TEAM 3 | 31 | |
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| Company: 75174 | SISHIELD TECHNO | DLOGIES, INC. | V | | | Trac | king |
| Risk Manager: Antimic | crobials Division, Rist | k Management Team 31 | | 1 | 3 | | |
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United States . Environmental Protection Agency Washington, DC 20460

Formulator's Exemption Statement

(40 CFR 152.85)

| Applicant's Name and Address | EPA File Symbol/Registration Number 75174-2 |
|--|--|
| SiShield Technologies 17 Executive Park Drive, Suite 563 | Product Name |
| Atlanta, GA 30329 | SIS AM 500 |
| | Date of Confidential Statement of Formula (EPA Form 8570-4) 09/06/2011 |

As an authorized representative of the applicant for registration of the product identified above, I certify that:

- (1) This product contains the following active ingredient(s):
 - 3-(trimethyloxysilyl) propyldimethyloctadecyl ammonium chloride
- (2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging another product which contains that active ingredient which is registered under FIFRA Section 3, is purchased by us from another person and meets the requirements of 40 CFR section 158.50(e)(2) or (3).
- (3) Indicate by checking (A) or (B) below which paragraph applies:
- (A) An accurate Confidential Statement of Formula (EPA FORM 8570-4) for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

- (B) The Confidential Statement of Formula (CSF)(EPA Form 8570-4) referenced above and on file with the EPA is complete, current, an accurate and contains the information required on the current CSF.
- (4) The following active ingredients in this product qualify for the formulator's exemption.

| | Source | |
|---|--|-----------------|
| Active Ingredient | Registration Number | |
| 3-(trimethyloxysilyl) propyldimethyloctadecyl ammonium chloride | SiS 7200 | 75174-4 |
| Signature | Name and Title Kevin R. Kutcel / Consultant | Date 09/06/2011 |
| EPA Form 8570-27 (Rev. 06-2004) | | Copy 1 – EPA |

Copy 1 - EPA Copy 2 - Applicant copy

KRK Consulting LLC

5807 Churchill Way Medina, OH 44256 Tel: 440-263-7305

E-mail: kevinkutcel@gmail.com

November 11, 2011

Ms. Velma Noble Product Manager (31) Office of Pesticide Programs Room S-4900, One Potomac Yard 2777 South Crystal Drive Arlington, VA 22202-4501

Subject: PR Notice 1998-10 Notification for CSF (EPA No. 75174-2)

Dear Ms. Noble,

On October 4, 2011, you sent me a letter in response to my notification for a revised CSF pertaining to "SIS AM 500" (Reg. No. 75174-2) (copy of letter attached). On the letter, you stated correctly that the lower certified limit for the active ingredient was not in agreement with 40 CFR Part 158.350. Attached are two copies of the revised CSF in which the lower certified limit for the active ingredient has been revised to be in compliance with 40 CFR Part 158. 350.

In review, the purpose of this notification is to revise the active ingredient on the current CSF for Reg. No. 75174-2 "AM500" from Reg. No. 75174-2 (SiS 7200) to Reg. No. 75174-4 (SiS 7200). Please note that the active ingredients are identical and the source for both active ingredients is the same (SiShield Technologies Inc.), so all data requirements pertaining to this source have been fulfilled. This application does comply with the requirements of a notification per PR Notice 98-10. Please accept the following documentation for this notification:

- 1. Application (Form 8570-1)
- 2. One (1) copy of existing CSF (Form 8570-4)
- 3. Two (2) copies of proposed CSF (Form 8570-4)
- 4. Formulator's Exemption (Form 8570-27)

This notification is consistent with the guidance in PR Notice 1998-10 and the requirements of EPA's regulations at 40 CFR 156.46, 156.140, 156.144, 156,146 and 156.156 and no other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand this it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of PR Notice 98-10 and CFR 156.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Best Regards,

Kevin R. Kutcel,

Agent for SiShield Technologies

| Please reed instructions on reverse before cor ing form. | Form Appr | oved. B No. 2070-0060 | Print Form | | | | | |
|--|---|--|--|--|--|--|--|--|
| United States Environmental Protection Washington, DC 204 | | Registration Amendment X Other | OPP Identifier Number | | | | | |
| Application for Pesticide - Section I | | | | | | | | |
| 1. Company/Product Number SiShield Technologies / 75174-2 | 2. EPA Product Man Velma Noble | · | opused Classification | | | | | |
| 4. Company/Product (Name) SiShield Technologies / SIS AM500 | PM# 31 | | None Restricted | | | | | |
| 5. Name and Address of Applicant (Include ZIP Code) SiShield Technologies 17 Executive Park Drive, Suite 563 Atlanta, GA 30329 Check if this is a new eddress | (b)(i), my product i to: | EPA Reg. No | | | | | | |
| | Section - II | | | | | | | |
| Amendment - Explain below. Resubmission in response to Agency letter dated X Notification - Explain below. | Agency lett | Application. | | | | | | |
| Explanation: Use edditional page(s) if necessary. (For anotion Please accept this notification for an alternate source as the letter for additional information. | ne active ingredient on the p | roposed revised CSF. Plea | se see attached cover | | | | | |
| WWW | Section - III | | | | | | | |
| 1. Material This Product Will Be Packaged In: Child-Resistant Packaging Yes X No ** Cartification must be submitted This Product Will Be Packaged In: Unit Packaging Yes X No If "Yes" Unit Packaging wgt. No. per container | Water Soluble Packaging Yes X No If "Yes" No. per Peckage wgt conteiner | 2. Type of Container Metal X Plastic Glass Paper Other (S | 1 | | | | | |
| | teil Container 6, 20, 23, 36 ° 7 150, 300 gellas | 5. Location of Label Direction On Label On Labeling accord | | | | | | |
| 6. Manner in Which Label is Affixed to Product Lithog Paper Stend | ranh Orba | r | | | | | | |
| | Section - IV | | | | | | | |
| 1. Contact Point (Complete items directly below for identification) | on of individual to be contacted, | if necessary, to process this | applichtion.) | | | | | |
| Name Kevin R, Kutcel | Title Consultant | Telephon 440-263 | e No. ([ncliside Area Code) -7305 ° | | | | | |
| Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete I acknowledge that any knowingly false or mislanding statement may be punishable by fine or imprisonment or both under applicable law. 8. Data Application Received (Statinged) | | | | | | | | |
| 2. Signature | 3. Title Consultant | : 1 | ļ. | | | | | |
| 4. Typed Name Kevin R. Kutcel | 5. Date Sep 5, 2013 | | | | | | | |

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete.

White - EPA File Copy (original)

Yellow - Applicant Copy

Material Sent for Data Extraction

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UNITED STATES ENVIRONMENTAL PROTECTIO.. AGENCY

Kevin Kutcel Consultant for SiShield Technologies KRK Consulting LLC 5807 Churchill Way Medina, OH 44256 OCT - 4 2011

SUBJECT:

SIS AM 500

EPA Registration Number: 75174-2 Application Date: September 5, 2011 Receipt Date: September 8, 2011

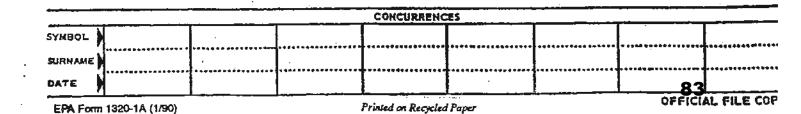
Dear Mr. Kutcel:

This letter acknowledges receipt of the notification identified above submitted under the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended and PR Notice 98-10.

• Revised Basic Formulation

The Basic Confidential Statement of Formula (CSF) dated 9/6/11 has been reviewed. This CSF is unacceptable. Address the following deficiency when resubmitting this formulation to the Agency:

• The lower certified limit for the source of active ingredient is not in agreement with 40 CFR part 158.350, Table of Standard Certified Limits. Revise your formulation to include limits which are in agreement with this table or provide a rationale for review as to why you feel that the certified limits for this formula should differ.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

General Comments

Please reply to the Agency by submitting a revised CSF. Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,

Velma Noble

Product Manager (31)

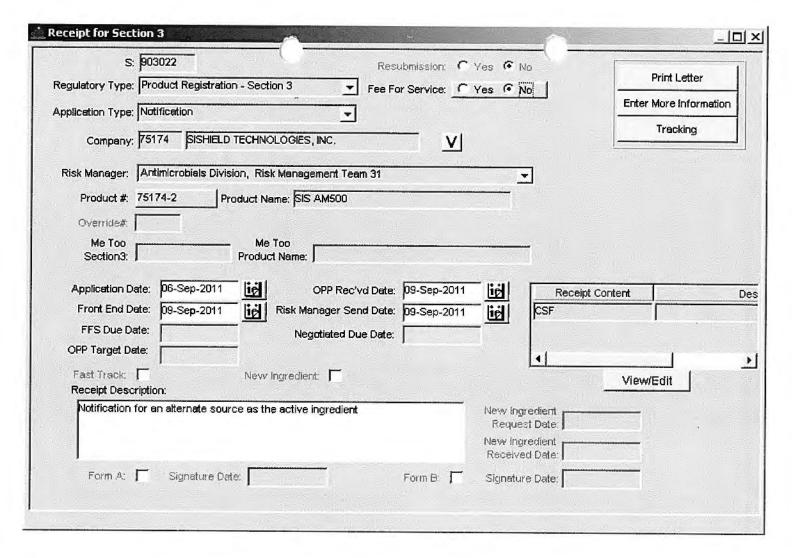
Regulatory Management Branch I Antimicrobials Division (7510P)

7510P:T.Lantz:10/4/11:75174-2 unace CSF

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| SYMBOL | | | | | | | | | | |
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| EPA Form 1320-1A (1/90) | | | Printed on Recycled Paper | | | | OFFICE | AL FILE CO | | |

RISK ASSIGNMENT FORM Antimicrobial Division/Regulatory Management Branch I

| Α | Completed by Product Manager | | | | | | | | | | |
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| PRC | PRODUCT REVIEWER: Tracy RMBI TEAM 31 | | | | | | | | | | |
| Тур | e of Actio | on: | No | t. F: | atm | atr EPA File Symbol/Reg No 75174-2 | | | | | |
| Dec | ision No | 0.454769 | Subi | nission | No. 9030 | 22 | Fee | for S | | ction Code: | |
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| ATTACHMENTS: -LABELING -C | | | | | CSF(S) | -DA | TA | | -OTH | IERS | |
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OPP Decision Number D 450439

SiShield Technologies, Inc. c/o Kevin Kutcel KRK Consulting LLC 5807 Churchill Way Medina, OH 44256

8/10/11

responding to this letter.

Subject: Application for Registration

Product Name: SIS AM 150 EPA File Symbol: 75174-T Application Date: June 8, 2011 EPA Receipt Date: June 13, 2011

Dear Mr. Kutcel:

Our records indicate that the decision review period for EPA to make a determination regarding the above referenced application ends on October 6, 2011 as pursuant to the Pesticide Registration Improvement Act (PRIA). The application has been determined, pursuant to 40 CFR 152.105, not to be sufficiently complete to process; therefore, the application is considered deficient. Your options under 40 CFR 152.105 and section 33 of FIFRA are addressed separately because each involves a different timeframe and set of options for responding to this letter. Please ensure that you consider each of the sections below in determining how and when you respond to this letter.

40 CFR 152.105:

Pursuant to 40 CFR 152.105, you are allowed 75 days from the date of this letter to provide a response concerning the deficiencies listed in this letter. Your response may include making corrections to complete the application, or notifying the Agency of the date on which you expect to complete the application, or withdrawing your application. If you do not respond to this letter within 75 days or if you respond with a date on which you expect to complete the application but fail to meet that scheduled date, the Agency will treat the application as if you had withdrawn it.

Address the following deficiencies:

Chemistry Data:

You have indicated that you intend to manufacture this product, 75174-T, using 75174-2 as the source of active ingredient. We have several concerns regarding your formulation.

Typically we expect that your source of active ingredient will be an MUP which has been previously approved for the use on your label. In this case you have proposed using an end use product which you are diluting and proposing the same label claims. This scenario is acceptable for your proposed product.

You have proposed using one of your own products as the source of active ingredient: 75174-2. The source of this product is 75174-1 which is a cancelled product. This product was cancelled in 2005. Since that time the Agency has not receive a revised Confidential Statement of Formula (CSF) for 75174-2 listing any other product as the source. What are you using to manufacture 75174-2? Your storage stability data does not support using a supply that has been held for 6 years (since 2005.) You must submit information to the Agency indicating how you are manufacturing 75174-2. It is strongly advised that you resolve this issue with 75174-2 prior to registering this product. At the same time you should revise the formulation(s) of any other products which may be relying on 75174-2 as the source of active ingredient.

It appears that you have another registered product which could be used as the source of active ingredient: 75174-4. Such a change from one registered source to another registered source may be made via the notification process. Please see PR Notice 98-10 to determine if your proposal fits within the notification process.

In order to cite product chemistry data from another formula, your product must use exactly the same source, include the same inerts and all ingredients must be at the same concentrations. If your citations do not fit this scenario you must provide product specific chemistry data.

Formulator's Exemption Statement:

Based on the information you have provided, it appears that you do not intend to purchase your source of active ingredient from another company. If this is the case, you may not use the Formulator's exemption statement. You must instead provide generic data compensation.

Product Toxicity Data

The following cited studies may not be used in support of this product: (41157803, 40385201, 42456511, 43219901, 93218047, and 42197401). These studies were submitted in support of products containing a similar active ingredient at 72 and 42% active ingredient. The acute toxicity data requirements cannot be bridged to your product since your product contains only 1.5% active ingredient.

These product specific data requirements can be supported by providing studies for review based on this product, citing studies from a similar product and offering to pay compensation to the data owners if you do not own the studies, or using the "cite all" method of support.

FIFRA Section 33/PRIA:

This application is also subject to a deadline for making a determination on the application under FIFRA Section 33, Pesticide Registration Service Fees, established under PRIA. The time frame for the Agency to make a determination on this application ends on October 6, 2011. Because the deadline for the agency to make a determination on this application expires before the end of the 75 days you have to respond to the deficiencies noted above, you have the following three options:

- 1. Establish a new due date. You may resolve the issues identified in this letter by submitting a reply to the Agency by August 22, 2011 with information as how you plan to address these deficiencies. Please include your proposed re-negotiated PRIA due date and the date you expect to submit the fix at this time. Your re-negotiated PRIA due date must include the date that you expect to submit the fix plus an additional 90 days beyond the date when you expect the Agency to receive the fix for review. If your fix includes submitting a notification to change the source of active ingredient for 75174-2, include the time for submission and Agency review of such a notification in your fix time. If no other issues arise as a result of your response to this letter or during our review process, and the information is found to be acceptable, it is the Agency's expectation that resolution of the deficiencies will result in the granting of your application.
- 2. Withdraw the application. Alternatively, you may notify us not later than August 22, 2011 that you are withdrawing your application. As noted above, withdrawal concludes the Agency's review of your application; however, you may resubmit your application after the deficiencies have been addressed. Should you choose to resubmit your application, it would be subject to a new deadline for making a determination on your application and a new registration service fee.

3. Not respond. If the Agency does not hear from you by August 22, 2011 the Agency in meeting its obligations under section 33/PRIA may issue a determination to not grant your application. While a determination to not grant an application would allow EPA to have met its obligation under section 33 of FIFRA to issue a determination by a specified date, this determination is neither a denial of the application pursuant to section 3(c)(6) of FIFRA or a withdrawal of the application. Thus, the Agency will continue to diligently work on any such application as long as EPA receives a response to a deficiency notice within the 75 days described above.

Please respond to this letter by August 22, 2011 by contacting Tracy Lantz by telephone, (703) 308-6415, or by e-mail at Lantz.tracy@epa.gov or Velma Noble by telephone at (703) 308-6233 or by e-mail at Noble.velma@epa.gov with a response and for any questions concerning this letter. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,

Velma Noble Product Manager 31 Regulatory Management Branch I Antimicrobials Division (7510P)

7510P: T.Lantz:8/8/11:75174-T less than 75 day letter



United States Environmental Protection Agency Washington, DC 20460

Formulator's Exemption Statement

(40 CFR 152.85)

| Applicant's Name and Address | EPA File Symbol/Registration Number |
|---|--|
| SiShield Technologies | 75174-2 |
| 17 Executive Park Drive, Suite 563 Atlanta, GA 30329 | Product Name SIS AM 500 |
| | Date of Confidential Statement of Formula (EPA Form 8570-4) 09/06/2011 |

As an authorized representative of the applicant for registration of the product identified above, I certify that:

- (1) This product contains the following active ingredient(s):
 - 3-(trimethyloxysilyl) propyldimethyloctadecyl ammonium chloride
- (2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging another product which contains that active ingredient which is registered under FIFRA Section 3, is purchased by us from another person and meets the requirements of 40 CFR section 158.50(e)(2) or (3).
- (3) Indicate by checking (A) or (B) below which paragraph applies:
- (A) An accurate Confidential Statement of Formula (EPA FORM 8570-4) for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

- (B) The Confidential Statement of Formula (CSF)(EPA Form 8570-4) referenced above and on file with the EPA is complete, current, an accurate and contains the information required on the current CSF.
- (4) The following active ingredients in this product qualify for the formulator's exemption.

| Source | | | | | | |
|---|--|--|--|--|--|--|
| Active Ingredient | Product Name | Registration Number | | | | |
| 3-(trimethyloxysilyl) propyldimethyloctadecyl ammonium chloride | SiS 7200 | 75174-4 | | | | |
| | | \$ 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 | | | | |
| Signature | Name and Title Kevin R. Kutcel / Consultant | Date 09/06/2011 | | | | |

EPA Form 8570-27 (Rev. 06-2004)

Copy 1 – EPA Copy 2 Applicant copy

.....

KRK Consulting LLC

5807 Churchill Way Medina, OH 44256 Tel: 440-263-7305

E-mail: kevinkutcel@gmail.com

September 6, 2011

US EPA (NOTIF)
Office of Pesticide Programs
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: PR Notice 1998-10 Notification for CSF (EPA No. 75174-1)

The purpose of this notification is to revise the active ingredient on the current CSF for Reg. No. 75174-2 "AM500" from Reg. No. 75174-1 (SiS 7200) to Reg. No. 75174-4 (SiS 7200). Please note that the active ingredients are identical and the source for both active ingredients is the same (SiShield Technologies Inc.), so all data requirements pertaining to this source have been fulfilled. This application does comply with the requirements of a notification per PR Notice 98-10. Please accept the following documentation for this notification:

- 1. Application (Form 8570-1)
- 2. One (1) copy of existing CSF (Form 8570-4)
- 3. Two (2) copies of proposed CSF (Form 8570-4)
- 4. Formulator's Exemption (Form 8570-27)

This notification is consistent with the guidance in PR Notice 1998-10 and the requirements of EPA's regulations at 40 CFR 156.46, 156.140, 156.144, 156,146 and 156.156 and no other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand this it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of PR Notice 98-10 and CFR 156.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please note that KRK Consulting LLC is the authorized agent handling all correspondence for SiShield Technologies and therefore all responses should be directed to the contact information on the letterhead above.

Kevin R. Kutcel,
Agent for SiShield Technologies

| Please read instructions | on reverse before comp | form. | Form Appr | roved. C 10. 2070 | 0-0060 Print Form |
|---|--|--|--|--|---|
| \$EPA | Environmenta | United States I Protection Age ington, DC 20460 | ncy | Registrati Amendme × Other | On OPP Identifier Number |
| | | Application for I | Pesticide - Sec | tion I | |
| 1. Company/Product Num SiShield Technologies | | | 2. EPA Product Mar Velma Noble | leger | 3. Proposed Classification |
| 4. Company/Product (Na SiShield Technologie: | me) s / SIS AM500 | | PM # 31 | | X None Restricted |
| SiShield Technologie 17 Executive Park Dri Atlanta, GA 30329 | | ± | (b)(i), my product to: EPA Reg. No Product Name | is similar or identica | e with FIFRA Section 3(c)(3) al in composition and labeling |
| | | Sec | tion - II | | |
| Amendment - Exp Resubmission in r Notification - Exp | response to Agency letter | r dated | Agency let | d labels in response to ter dated Application. Delin below. | 3 |
| letter for additional in | formation. | | tion - III | Toposed Tevised C.S. | F. Please see attached cover |
| Child-Resistant Peckagin Yes* X No * Certification must be submitted | Unit Packaging Yes X No | No. per | | | ontainer Metal Plastic Glass Paper Other (Specify) |
| 3. Location of Net Conte | Container | 4. Size(s) Retail Contain 2,4,8,16,20,2 | 2,3602 | 5. Location of Label X On Label On Labeling | Directions gaccompanying product |
| 6. Manner in Which Labe | l is Affixed to Product | Lithograph Paper glued Stenciled | Othe | r | |
| | | | ion - IV | | |
| 1. Contact Point (Compi | lete items directly below | for identification of indivi | idual to be contacted, | if necessary, to proce | ess this application.) |
| Nome Kevin R. Kutcel | | Title Consulta | ant | | elephone No. (Include Area Code) 40-263-7305 |
| I certify that the st I acknowledge that both under applica | tstements I have made or t any knowingly false or a bie law. | Certification n this form and all attach misleeding statement ma | ments thereto are tru y be punishable by fir | e, accurate and comp ne or imprisonment or | 6. Date Application Received (Stamped) |
| 2. Signature | Must | 3. Title Consulta | ant | 11 | |
| 4. Typed Name Kevin R. Kutcel | - / - | 5. Date Sep 5, 2 | 011 | 4.1 | |

EPA Form 8570-1 (Rev. B-94) Previous editions are obsolete.

White - EPA File Copy (original)

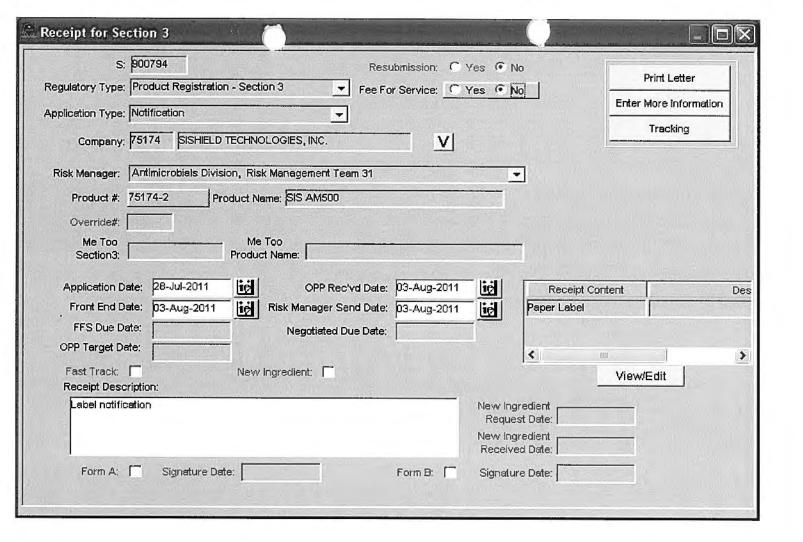
Yellow - Applicant Copy

Material Sent for Data Extraction

| Reg #75174-2 |
|--|
| Description: Notification |
| ☐ Material(s) Sent to Data Extraction Contractors: |
| New Stamped Label Dated |
| Notification Dated 8 11 11 |
| ☐ New CSF(s) Dated |
| Other: |
| Decision #: 453018 and 453022 |
| ☐ Other Action/Comments: |
| |
| Attach this coversheet to the top of the material or jacket. It must be well organized and clipped together, NOT STAPLED. Then give the material with this coversheet to staff in the Information Services Center (Room S-4900). |
| Reviewer: |
| Phone: 703 308 6415 Division: AD |
| Date: 8 11 11 |

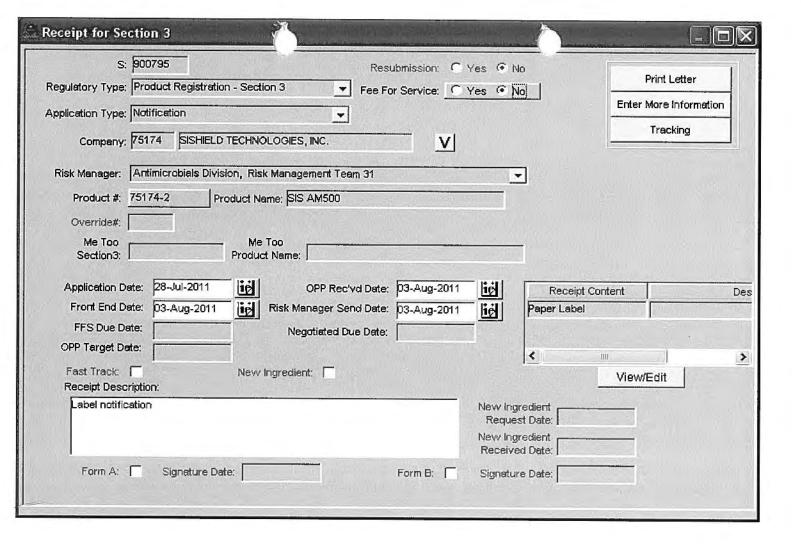
RISK ASSIGNMENT FORM Antimicrobial Division/Regulatory Management Branch I

| A Completed by Product Manager | | | | | | | | | |
|---|------------|-----------------------------|-------------------------|-----------------------|-----------------------------|---------|--------------------------------|--------------------------------|------------------------------|
| PR | ODUCT | REVIEWER: | T | 1 alex | | | RMBI | TEAM 3 | 1 |
| Тур | e of Ac | tion: | No | 1 fign | tim | | | e Symbol/Reg | g No. |
| De | cision I | No. 453018 | | | | Fee fo | | ction Code: | |
| FQI | PA Actio | on Code: 332 | Non-FQPA | Non-FQPA Action Code: | | | PRIA FEE AMOUNT: | | |
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| | - | Not. F. | utir- | - 611 | e b | | | odleto prilia cred: SIS A | M 500 |
| ATT | ACHME | NTS: -LABEL | ing - | CSF(S) | -DATA | | -отн | ERS | |
| В | | | F | or Arctic Slo | ope Contra | ct Only | | | |
| Contract No.: 0052 ARCTIC SLOPE/MANAGER | | | | | | | | | |
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RISK ASSIGNMENT FORM Antimicrobial Division/Regulatory Management Branch I

| Α | Completed by Product Manager | | | | | | | | | |
|-------------------------|------------------------------|-----------------------------|-------------------------|-----------------------|------------------------------|--------|-------------------------------|--|-------------------------------|--|
| PRODUCT REVIEWER: Trans | | | | | | | RMBI TEAM 31 | | | |
| Type of Action: | | | | Gent | g antini | | | EPA File Symbol/Reg No. | | |
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| FQ | PA Actio | n Code: 33 | | Non-FQPA Action Code: | | | | PRIA FEE AMOUNT: | | |
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| В | | | | For Arctic S | lope Contrac | t Only | | | | |
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UNI. _ STATES ENVIRONMENTAL PROTECTION AGENCY

Kevin R. Kutcel Agent for SiShield Technologies KRK Consulting LLC 5807 Churchill Way Medina, OH 44256 AUG 1 1 2011

SUBJECT:

SIS AM 500

EPA Registration Number: 75174-2 Applications Dated: July 27, 2011 Receipt Dates: August 3, 2011

Dear Mr. Kutcel:

This letter acknowledges receipt of the notifications identified above submitted under the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act (FIRRA), as amended and PR Notice 98-10.

Addition of Alternate Brand Names

Based on a review of the submitted information this notification is acceptable. The alternate brand names "TRISIL" and "LexShield" may be used in conjunction with this product. These notifications will be made part of the record for this file.

General Comments

Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,

Velma Noble.

Product Manager (31).

Regulatory management Branch I. Antimicrobials Division (7510P)

7510P:T.Lantz:8/11/11:75174-2 acceptable notifications

| | CONCURRENCES | |
|-------------------------|---------------------------|-------------------|
| SYMBOL 7510P | | |
| SURNAME) JOYA | | |
| DATE 8 11 11 | | 00 |
| EPA Form 1320-1A (1/90) | Printed on Recycled Paper | OFFICIAL FILE COI |

| Please read instructions | on reverse before con | ng form. | Form Appro | ved. 1 No. 2070- | Print Form | |
|--|---|--|--|--|--|--|
| SEPA Environmental Protect | | United States I Protection Ageington, DC 20460 | | Registratio Amendmen X Other | n OPP Identifier Number | |
| | | Application for F | Pesticide - Secti | ion I | | |
| 1. Company/Product Nu SiShield Technologie | | | 2. EPA Product Manag Velma Noble | ger | 3. Proposed Classification | |
| 4. Company/Product (Na SiShield Technologie | ame) es Inc / Si5 AM500 | | PM# 31 | X None Restricted | | |
| SiShield Technologion 17 Executive Park Dr Atlanta, GA 30329 | | ode) ⊞ | | similar or identical | with FIFRA Section 3(c)(3) in composition and labeling | |
| | | Sec | tion - II | | ** * | |
| X Notification - Exp Explanation: Use add Please accept the alte | response to Agency letter | ry. (For section I and Se | Agency lette "Me Too" Ag Other - Expla | pplication. •• | | |
| | | Sect | tion - III | | - · · · · · · · · | |
| 1. Material This Product | Will Be Packaged In: | 0601 | 1011 - 111 | | | |
| Child-Resistent Packegi Yes* X No Certification mus be submitted | Unit Packaging Yes X No | No. per ocontainer Peckag | Soluble Packeging Yes No S* No. per ge wgt container | tainer etol astic ass sper ther (Specify) | | |
| 3. Location of Net Conto | ents Information Container | 4. Size(s) Retail Contail 2,4,8,16,30,30 1,5,55,150,30 | 4,36 02 | 5. Location of Label D On Label On Labeling 4 | irections | |
| 6. Manner in Which Lab | el is Affixed to Product | Lithograph Paper glued Stenciled | Other | | | |
| | | Sect | tion - IV | | | |
| 1. Contact Point (Comp | plete Items directly below I | for identification of indiv | idual to be contacted, it | f necessary, to proces | s this application.) | |
| Name Kevin Kutcel | | | ncultant | | ephone No. (Include Area Code) 0-263-7305 | |
| I certify that the i I acknowledge the both under applic | statements i have made on at any knowingly false or r able law. | Certification this form and all attach misleading statement ma | aments thereto are true, by be punishable by fine | accurate and complete or imprisonment or | te. (Stamped) | |
| 2. Signature | 3. Title Consulta | ant | | | | |
| 4. Typed Name Kevin Kutcel | | | te 28, 2011 | | | |

KRK Consulting LLC

5807 Churchill Way Medina, OH 44256 Tel: 440-263-7305

E-mail: kevinkutcel@gmail.com

July 27, 2011

US EPA (NOTIF)
Office of Pesticide Programs
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: PR Notice 1998-10 Notification for ABN (EPA No. 75174-2)

Please accept the attached 3 copies of the revised label for Reg. No. 75174-2 with the alternate brand name "TRISIL" per PR Notice 1998-10.

Attached is EPA Form 8570-1 regarding this notification as required in PR Notice 1998-10. This notification is consistent with the guidance in PR Notice 1998-10 and the requirements of EPA's regulations at 40 CFR 156.46, 156.140, 156.144, 156,146 and 156.156 and no other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand this it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of PR Notice 98-10 and CFR 156.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please note that KRK Consulting LLC is the authorized agent handling all correspondence for PureShield Inc. and therefore all responses should be directed to the contact information on the letterhead above.

Best Regards,

Kevin R. Kutcel,

Agent for SiShield Technologies Inc.

TRISIL

SiShield Technologies, Inc.

17 Executive Park Drive, Suite 563, Atlanta, GA 30329 404.636.8900 / 404.636.8500 fax -

MICROBIOSTATIC AGENT

A Silicone Quaternary Ammonium Salt

| Other Ingredients: | 3-(trimethoxysily) propyldimethyloctadecyl ammonium chloride | 5.0% 95.0% |
|--------------------|--|---------------|
| TOTAL INGREDIENTS: | | 100.0% |

WARNING

EPA Reg. No. 75174-2

EPA EST. 70918-SC-001

NET CONTENTS: 2, 4, 8, 16, 20, 22, or 36 fluid oz.; 1, 5, 55, 150, or 300 gal.

Lot No.

FIRST AID

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call poison control center or doctor for treatment advice.

IF INHALED:

- · Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- · Call a poison control center or doctor for futher treatment advice.

IF ON SKIN:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- · Call a poison control center or doctor for treatment advice.

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- . Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

A microbiostatic agent is an agent that inhibits the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. Harmful if absorbed through skin or inhaled. Do not get in eyes. Avoid contact with skin and avoid breathing vapor. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

<u>Commercial and industrial uses:</u> This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of TRISIL can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of TRISIL.

<u>Homeowner use:</u> This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

DIRECTIONS FOR USE Approved commercial and Industrial Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

Prepare solutions by simply adding TRISIL to solvent and stirring. Dilute TRISIL by adding 0.2 to 2 fluid ounces of TRISIL per cup (3.2 to 32 fluid ounces of TRISIL per gallon) of water or other solvents (for example, alcohol and ketones) and then applied to organic or inorganic substrates by brushing, dipping, padding, soaking, spraying, fogging or by using foam finishing techniques to give a final treatment of 0.1 to 1.0 percent by weight active ingredient.

Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. For each application determine optimum drying conditions, such as time and temperature. If necessary, reapply TRISIL every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

TRISIL when used as a concrete additive is added directly during concrete preparation. Use 6 fluid ounces TRISIL per cubic feet of concrete. Add to water before addition of concrete. Addition of TRISIL reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

Approved commercial and industrial applications

The active ingredient in TRISIL is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. TRISIL can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- · Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- Air filters/materials
- · Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- · Carpets and draperies
- Cellulose sponges
- · Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Concrete additive for repair and renewal of sewer pipes and manholes and concrete sewer structures; not to be used in treatment of storm drains
- · Exterior walls on the outside of architectural structures consisting of stone, concrete or brick.
- · Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- · Fiberglass ductboard
- · Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- · Mens underwear and outerwear
- Non-woven disposable diapers
- Non-woven polvester
- · Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- · Polyurethane foam for household, industrial, and institutional sponges and mops
- · Polyurethane and polyethylene foam, when covered
- · Polyurethane foam for packaging and cushioning in non-food contact applications
- · Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- · Roofing materials defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- · Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- · Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- . Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas

- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- · Women's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE

Approved commercial applications used in homes, offices, automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

For Pump Spray Application: Dilute 8 ounces of TRISIL per gallon of water (2 oz. per quart; 1oz. per pint). Using pump sprayer, spray entire area 4"- 6"s from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. TRISIL treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more TRISIL may be required due to absorption. A fan may be used to assist in drying carpeting.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, pressure sprayers) dilute 8 ounces of TRISIL per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. TRISIL treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more TRISIL may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpeting.

For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough TRISIL solution to completely submerge item. Dilute 8 ounces of TRISIL per gallon of water (2 oz. per quart; 1cz. per pint); mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

Dry the substrate at room temperatures or at temperatures to a maximum of 160° C (320° F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply TRISIL every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Approved commercial applications in homes, offices, automobiles and institutions e.g., schools, hospitals, day care centers, banks, churches, correctional facilities

The active ingredient in TRISIL is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent.

TRISIL can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- Air filters/materials
- · Aquarium filter material
- · Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- · Carpets and draperies
- Cellulose sponges
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass ductboard
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- · Mens underwear and outerwear
- · Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane foam for household, industrial, and institutional sponges and mops
- · Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in nonfood contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants

- Roofing materials defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- · Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- · Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE For homeowner applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

Approved homeowner uses

The active ingredient in TRISIL is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. TRISIL can be used as a final bacteriostatic finish on the following items to impart

bacteriostatic/fungistatic (mold and mildew) activity.

| | Pest controlled | Dilution Rate | Method of Application |
|--|---|---|--|
| Bedsheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hoisery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). TRISIL can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefins, polypropylene, rayon, silk, spandex, vinyl, and wool | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | DIP/SOAK: Dilute TRISIL in water; mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough TRISIL solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Drying may be attained by dripping dry or wringing excess liquid from treated item. For larger items (e.g., bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Dry the substrates by hang-drying at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). If necessary, reapply TRISIL every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. SPRAY: Dilute TRISIL in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. |

| | | | Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply TRISIL every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
|---|--|---|---|
| | Pest controlled | Dilution Rate | Method of Application |
| Air filters and air filter material for Furnaces, air conditioners Air purification systems Automobiles Recirculating air handling systems Vacuum cleaner filters Aquariums | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute TRISIL in water; mix well. When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply TRISIL every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Carpeting | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute TRISIL in water; mix well. Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted TRISIL solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. TRISIL treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates (e.g., wool carpeting), more TRISIL may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply TRISIL every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Mattress pad and mattress ticking and | Odor causing | 8 oz./ gallon | SPRAY: Dilute TRISIL in water; mix well. Clean surfaces |

| upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon or wool | bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 2 oz./ quart 1 oz./pint | prior to application. Using a trigger pump sprayer spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply TRISIL every three months or when odor, staining and discoloration due to bacteria, mold stains and mildew stains return. |
|---|---|---|--|
| | Pest controlled | Dilution Rate | Method of Application |
| Tents, tarpaulins, sails, ropes. | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute TRISIL in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply TRISIL every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. DIP/SOAK: Dilute TRISIL in water and mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough TRISIL solution to completely submerge item. Keep item in solution for three minutes. Remove item and wring excess liquid. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply TRISIL every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and |

| | | | algae stains return. |
|---|--|---|---|
| | Pest controlled | Dilution Rate | Method of Application |
| Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats) | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute TRISIL in water; mix well. Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface making sure the surface is completely covered. After applying the dilute solution of TRISIL, let stand until dry. TRISIL treats approximately 200 square feet of roofing per diluted gallon of water. If necessary, reapply TRISIL every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Buffer pads (polishing and abrasive), Polyurethane and cellulose for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute TRISIL in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply TRISIL every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, exterior surfaces of appliances, refrigerators (exterior), fiberglass, formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute TRISIL in water; mix well. Using a trigger pump sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cioth or sponge. If necessary, reapply TRISIL every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |

MOLD, MILDEW, ODOR PROTECTOR AND INHIBITOR TRISIL is an antimicrobial agent effective against odor causing bacteria.

TRISIL is an antimicrobial agent effective against bacteria which cause staining and discoloration. TRISIL is an antimicrobial agent effective against fungi (mold and mildew).

TRISIL is an antimicrobial agent effective against algae.

TRISIL, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (mold and mildew), algaestatic.

TRISIL, an antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow even in the cleanest of homes.

TRISIL, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces like fiberglass, glazed porcelain, Formica®, stainless steel, synthetic marble.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

For Household/residential use packages:

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers of or below 25 C (77F) and above 0°C (32°F). Non-refillable container. Do not reuse or refill this container. Wrap container and put in trash or offer for recycling if available.

For industrial and commercial use packages:

Small Packages (1 gallon or less):

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F). This product has a minimum shelf life of 12 months after date of shipment.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: Non-refillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Pails, Drums and IBCs:

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F). This product has a minimum shelf life of 12 months after date of shipment.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: REFILLABLE CONTAINER. Refill this container with 3-(trimethoxysilyl) propyldimethyloctadecyl ammonium chloride only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING BIOSHIELD TECHNOLOGIES, INC. AT 4405 INTERNATIONAL BOULEVARD, SUITE B109, NORCROSS, GEORGIA, 30093.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

BioShield Technologies, Inc., warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

BIOSHIELD SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.

| Please read instructions on reverse before pleting form. | Form Approx |)MB No. 2070-0060 | Print Form |
|---|---|---|--|
| SEPA Environmental Protection Washington, DC 20460 | Agency | · | OPP Identifier Number |
| Application | for Pesticide - Section I | | |
| 1. Company/Product Number SiShield Technologies Inc / 75174-2 | 2. EPA Product Manager Velma Noble | | osed Classification |
| 4. Company/Product (Name) SiShield Technologies Inc / SiS AM500 | PM# 31 | \×' | None Restricted |
| 5. Name and Address of Applicant (Include ZIP Code) SiShield Technologies Inc. 17 Executive Park Drive, Suite 563 Atlanta, GA 30329 Check if this is a new address | 6. Expedited Review. (b)(i), my product is simil to: EPA Reg. No Product Name | lar or identical in com | position and labeling |
| | Section - Ii | | |
| Armendment - Explain below. Resubmission in response to Agency letter dated X Notification - Explain below. | Final printed labels Agency letter date "Me Too" Applicat Other - Explain bel | tion. *** | * * * * * * * * * * * * * * * * * * * |
| Explanation: Use additional page(s) if nocessary. (For section I Please accept the alternate brand name for Reg. No. 75174-2 required compliance statement regarding this PR Notice. | 2 of "LexShield" per PR Notice 98- | 10. Please see attach | ed cover letter for |
| | Section - III | | |
| 1. Material This Product Will Be Packaged In: Child-Resistant Packaging Yes Yes No * Certification must be submitted This Product Will Be Packaged In: Unit Packaging Yes Yes No If "Yes" Unit Packaging wgt. No. per container | Water Soluble Packaging Yes No No No. per Package wgt container | 2. Type of Contelner Metal Plastic Glass Paper Other (Spe | ocify) |
| 3. Location of Net Contents Information 4. Size(s) Retail フ,4,8,16,30,15,55,15 | 1 Container 5. Loc 5, 22, 36 02 50, 300 gallens | sation of Label Directions On Label On Labeling accomps | |
| 6. Manner in Which Label is Affixed to Product Lithogram Paper gli Stencilos | ph Other | | |
| | Section - IV | | |
| 1. Contact Point (Complete items directly below for identification of | of individual to be contacted, if nece | ssary, to process this a | pplication.) |
| | I Consultant | | No. (Include Area Code) 305 |
| Certification of certification is certify that the statements I have made on this form and all acknowledge that any knowingly false or misleeding statements both under applicable law. | ll attachments thereto are true, accur | rate and complete. | 3. Data Application Received (Stamped) |
| 2. Signatura 3. | . Title | | • |
| The Care | Consultant | | |
| Kayin Kutcal | . Date Jul 28, 2011 | :, , , | |

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete.

White - EPA File Copy (original)

Yellow - Applicant Copy

KRK Consulting LLC

5807 Churchill Way Medina, OH 44256 Tel: 440-263-7305

E-mail: kevinkutcel@gmail.com

July 27, 2011

US EPA (NOTIF)
Office of Pesticide Programs
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: PR Notice 1998-10 Notification for ABN (EPA No. 75174-2)

Please accept the attached 3 copies of the revised label for Reg. No. 75174-2 with the alternate brand name "LexShield" per PR Notice 1998-10.

Attached is EPA Form 8570-1 regarding this notification as required in PR Notice 1998-10. This notification is consistent with the guidance in PR Notice 1998-10 and the requirements of EPA's regulations at 40 CFR 156.46, 156.140, 156.144, 156,146 and 156.156 and no other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand this it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of PR Notice 98-10 and CFR 156.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please note that KRK Consulting LLC is the authorized agent handling all correspondence for PureShield Inc. and therefore all responses should be directed to the contact information on the letterhead above.

Best Regards,

Kevin R. Kutcel,

Agent for SiShield Technologies Inc.

LexShield

SiShield Technologies, Inc. 17 Executive Park Drive, Suite 563, Atlanta, GA 30329 404.636.8900 / 404.636.8500 fax — MICROBIOSTATIC AGENT A Silicone Quaternary Ammonium Salt Active Ingredient: Other Ingredients: TOTAL INGREDIENTS: 17 Executive Park Drive, Suite 563, Atlanta, GA 30329 404.636.8900 / 404.636.8500 fax — MICROBIOSTATIC AGENT A Silicone Quaternary Ammonium Salt 5.0% 95.0%

WARNING

FIRST AID

EPA Reg. No. 75174-2

EPA EST. 70918-SC-001

NET CONTENTS: 2, 4, 8, 16, 20, 22, or 36 fluid oz.; 1, 5, 55, 150, or 300 gal.

Lot No.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- · Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- · Call poison control center or doctor for treatment advice.

IF INHALED:

- · Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for futher treatment advice.

IF ON SKIN:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

IF SWALLOWED:

- · Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

A microbiostatic agent is an agent that inhibits the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. Harmful if absorbed through skin or inhaled. Do not get in eyes. Avoid contact with skin and avoid breathing vapor. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

Commercial and industrial uses: This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of LexShield can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of LexShield.

<u>Homeowner use:</u> This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

DIRECTIONS FOR USE Approved commercial and Industrial Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

Prepare solutions by simply adding LexShield to solvent and stirring. Dilute LexShield by adding 0.2 to 2 fluid ounces of LexShield per cup (3.2 to 32 fluid ounces of LexShield per gallon) of water or other solvents (for example, alcohol and ketones) and then applied to organic or inorganic substrates by brushing, dipping, padding, soaking, spraying, fogging or by using foam finishing techniques to give a final treatment of 0.1 to 1.0 percent by weight active ingredient.

Dry substrates at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. For each application determine optimum drying conditions, such as time and temperature. If necessary, reapply LexShield every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

LexShield when used as a concrete additive is added directly during concrete preparation. Use 6 fluid ounces LexShield per cubic feet of concrete. Add to water before addition of concrete. Addition of LexShield reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

Approved commercial and industrial applications

The active ingredient in LexShield is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. LexShield can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- Air filters/materials
- Aquarium filter material
- · Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Cellulose sponges
- · Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Concrete additive for repair and renewal of sewer pipes and manholes and concrete sewer structures; not to be used in treatment of storm drains
- Exterior walls on the outside of architectural structures consisting of stone, concrete or brick.
- · Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- · Fiberglass ductboard
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Mens underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- · Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane foam for household, industrial, and institutional sponges and mops
- · Polyurethane and polyethylene foam, when covered
- · Polyurethane foam for packaging and cushioning in non-food contact applications
- · Polyurethane foam used as a growth medium for non-food crops and plants
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, sails, and ropes
- · Athletic and casual shoes
- · Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas

- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- · Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls; windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- · Women's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE

Approved commercial applications used in homes, offices, automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

For Pump Spray Application: Dilute 8 ounces of LexShield per gallon of water (2 oz. per quart; 1oz. per pint). Using pump sprayer, spray entire area 4"- 6"s from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. LexShield treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more LexShield may be required due to absorption. A fan may be used to assist in drying carpeting.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, pressure sprayers) dilute 8 ounces of LexShield per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. LexShield treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more LexShield may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpeting.

For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough LexShield solution to completely submerge item. Dilute 8 ounces of LexShield per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

Dry the substrate at room temperatures or at temperatures to a maximum of 160° C (320° F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply LexShield every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Approved commercial applications in homes, offices, automobiles and institutions e.g., schools, hospitals, day care centers, banks, churches, correctional facilities

The active ingredient in LexShield is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungional and mildew) and algae as a static agent.

LexShield can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- Air filters/materials
- · Aquarium filter material
- · Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- · Carpets and draperies
- Cellulose sponges
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass ductboard
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- · Mens underwear and outerwear
- · Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane foam for household, industrial, and institutional sponges and mops
- · Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in nonfood contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants

- Roofing materials defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- · Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- · Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's intimate apparel

DIRECTIONS FOR USE For homeowner applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles chace shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

Approved homeowner uses

The active ingredient in LexShield is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. LexShield can be used as a final bacteriostatic finish on the following items to impart

bacteriostatic/fungistatic (mold and mildew) activity.

| | Pest controlled | Dilution Rate | Method of Application |
|---|---|---|--|
| Bedsheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hoisery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). LexShield can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefins, polypropylene, rayon, silk, spandex, vinyl, and wool | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | DIP/SOAK: Dilute LexShield in water; mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough LexShield solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Drying may be aftained by dripping dry or wringing excess liquid from treated item. For larger items (e.g., bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Dry the substrates by hang-drying at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). If necessary, reapply LexShield every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. SPRAY: Dilute LexShield in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or |

| | | | sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply LexShield every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
|---|--|---|--|
| | Pest controlled | Dilution Rate | Method of Application |
| Air filters and air filter material for Furnaces, air conditioners Air purification systems Automobiles Recirculating air handling systems Vacuum cleaner filters Aquariums | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 2 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute LexShield in water; mix well. When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply LexShield every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Carpeting | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute LexShield in water; mix well. Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted LexShield solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. LexShield treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates (e.g., wool carpeting), more LexShield may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply LexShield every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Mattress pad and mattress ticking and | Odor causing | 8 oz./ gallon | SPRAY: Dilute LexShield in water; mix well. Clean surfaces |

| upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon or wool | bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 0.0 U 0 0 0 | prior to application. Using a trigger pump sprayer spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply LexShield every three months or when odor, staining and discoloration due to bacteria, mold stains and mildew stains return. |
|---|--|---|---|
| | Pest controlled | Dilution Rate | Method of Application |
| Tents, tarpaulins, sails, ropes. | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute LexShield in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply LexShield every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. DIP/SOAK: Dilute LexShield in water and mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough LexShield solution to completely submerge item. Keep item in solution for three minutes. Remove item and wring excess liquid. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply LexShield every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and |

| | | | algae stains return. |
|---|--|---|---|
| | Pest controlled | Dilution Rate | Method of Application |
| Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats) | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ galion 2 oz./ quart 1 oz./pint | SPRAY: Dilute LexShield in water; mix well. Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface making sure the surface is completely covered. After applying the dilute solution of LexShield, let stand until dry. LexShield treats approximately 200 square feet of roofing per diluted gallon of water. If necessary, reapply LexShield every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Buffer pads (polishing and abrasive), Polyurethane and cellulose for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute LexShield in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply LexShield every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, exterior surfaces of appliances, refrigerators (exterior), fiberglass, formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute LexShield in water; mix well. Using a trigger pump sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply LexShield every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |

MOLD, MILDEW, ODOR PROTECTOR AND INHIBITOR LexShield is an antimicrobial agent effective against odor causing bacteria. LexShield is an antimicrobial agent effective against bacteria which cause staining and discoloration.

LexShield is an antimicrobial agent effective against fungi (mold and mildew).

LexShield is an antimicrobial agent effective against algae.

LexShield, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (mold and mildew), algaestatic.

LexShield, an antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow even in the cleanest of homes. LexShield, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces like fiberglass, glazed porcelain, Formica®, stainless steel, synthetic marble.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

For Household/residential use packages:

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F) and above 0°C (32°F). Non-refillable container. Do not reuse or refill this container. Wrap container and put in trash or offer for recycling if available.

For industrial and commercial use packages:

Small Packages (1 gallon or less):

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F). This product has a minimum shelf life of 12 months after date of shipment.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: Non-refillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Pails, Drums and IBCs:

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F). This product has a minimum shelf life of 12 months after date of shipment.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: REFILLABLE CONTAINER. Refill this container with 3-(trimethoxysilyl) propyldimethyloctadecyl ammonium chloride only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING BIOSHIELD TECHNOLOGIES, INC. AT 4405 INTERNATIONAL BOULEVARD, SUITE B109, NORCROSS, GEORGIA, 30093.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

BioShield Technologies, Inc., warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

BIOSHIELD SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Kevin Kutcel SiShield Technologies Inc. 17 Executive Park Drive, Suite 563 Atlanta, GA, 30329

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SUBJECT:

SIS AM 500

EPA Registration Number: 75174-2 Application Dated: March 6, 2011 Receipt Date: December 10, 2011

Dear Mr. Kutcel:

This letter acknowledges receipt of the notification identified above submitted under the provisions of section 3 (c) 9 of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended and PR Notice 1998-10 and 40 CFR 152.46.

Propose to change Storage and Disposal per PR Notice 2007-4.

Based on a review of the submitted information, this notification is unacceptable.

General Comments

Delete the term **Disposal** from "Small packages for industrial and commercial use" and from "Pails, Drums and IBCs" sections. Revise the heading "Small packages (1 Gallon or less)" to read "5 gallons or less." Under the Container handling sections please specify the size for refillable and nonrefillable containers are using in every separate case.

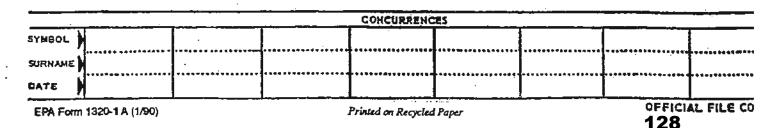
Should you have any questions concerning this letter, please contact Emilia Oiguenblik at (703) 347-0109 or Velma Noble at (703) 308-6233.

Sincerely,

elma Noble

Product Manager (31)

Regulatory Management Branch I Antimicrobials Division (7510P)



SIS AM 500

SiShield Technologies, Inc.

17 Executive Park Drive, Suite 563, Atlanta, GA 30329 404.636.8900 / 404.636.8500 fax -

MICROBIOSTATIC AGENT

A Silicone Quaternary Ammonium Salt

| Active Ingredient: | 3-(trimethoxysilyl) propyldimethyloctadecyl ammonium chloride | 5.0% |
|--------------------|---|--------|
| Other Ingredients: | | 95.0% |
| INGREDIENTS: | | 100.0% |

WARNING

EPA Reg. No. 75174-2

EPA EST. 70918-SC-001

NET CONTENTS: 2, 4, 8, 16, 20, 22, or 36 fluid oz.; 1, 5, 55, 150, or 300 gal.

Lot No.

FIRST AID

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- · Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call poison control center or doctor for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- · Call a poison control center or doctor for futher treatment advice.

IF ON SKIN:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

A microbiostatic agent is an agent that inhibits the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. Harmful if absorbed through skin or inhaled. Do not get in eyes. Avoid contact with skin and avoid breathing vapor. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

<u>Commercial and industrial uses:</u> This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of SiS AM 500 can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of SiS AM 500.

Homeowner use: This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

DIRECTIONS FOR USE Approved commercial and Industrial Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

Prepare solutions by simply adding SiS AM 500 to solvent and stirring. Dilute SiS AM 500 by adding 0.2 to 2 fluid ounces of SiS AM 500 per cup (3.2 to 32 fluid ounces of SiS AM 500 per gallon) of water or other solvents (for example, alcohol and ketones) and then applied to organic or inorganic substrates by brushing, dipping, padding, soaking, spraying, fogging or by using foam finishing techniques to give a final treatment of 0.1 to 1.0 percent by weight active ingredient.

Dry substrates at temperatures from ambient to a maximum of 160°C (320°F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol-from hydrolysis. For each application determine optimum drying conditions, such as time and temperature. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

SiS AM 500 when used as a concrete additive iš-added directly during concrete preparation. Use 6 fluid ounces SiS AM 500 per cubic feet of concrete. Add to water before addition of concrete. Addition of SiS AM 500 reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

Approved commercial and industrial applications

The active ingredient in SiS AM 500 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. SiS AM 500 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- · Air filters/materials
- Aguarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- · Cellulose sponges
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Concrete additive for repair and renewal of sewer pipes and manholes and concrete sewer structures; not to be used in treatment of storm drains
- Exterior walls on the outside of architectural structures consisting of stone, concrete or brick.
- · Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- · Fiberglass ductboard
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Mens underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane foam for household, industrial, and institutional sponges and mops
- · Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- · Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- · Roofing materials defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, sails, and ropes
- · Athletic and casual shoes
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/l-yora, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas

- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- · Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- · Women's intimate apparel

DIRECTIONS FOR USE

Approved commercial applications used in homes, offices, automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

For Pump Spray Application: Dilute 8 ounces of SiS AM 500 per gallon of water (2 oz. per quart; 1oz. per pint). Using pump sprayer, spray entire area 4"- 6"s from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. SiS AM 500 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more SiS AM 500 may be required due to absorption. A fan may be used to assist in drying carpeting.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, pressure sprayers) dilute 8 ounces of SiS AM 500 per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. SiS AM 500 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more SiS AM 500 may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpeting.

For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough SiS AM 500 solution to completely submerge item. Dilute 8 ounces of SiS AM 500 per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area application. Do not reuse solution after dipping/soaking.

Dry the substrate at room temperatures or at temperatures to a maximum of 160° C (320° F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

Approved commercial applications in homes, offices, automobiles and institutions e.g., schools, hospitals, day care centers, banks, churches, correctional facilities

The active ingredient in SiS AM 500 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent.

SiS AM 500 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- · Cellulose sponges
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass ductboard
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Mens underwear and outerwear
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Polyurethane foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in nonfood contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants

- Roofing materials defined as stringles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- · Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- · Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- · Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's intimate apparel



DIRECTIONS FOR USE For homeowner applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

Approved homeowner uses

The active ingredient in SiS AM 500 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. SiS AM 500 can be used as a final bacteriostatic finish on the following items to

impart bacteriostatic/fungistatic (mold and mildew) activity.

| impart bacteriostatio/rungistatic (mod and | Pest controlled | Dilution Rate | Method of Application |
|--|---|---|---|
| Bedsheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hoisery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). SiS AM 500 can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefins, polypropylene, rayon, silk, spandex, vinyl, and wool | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | DIP/SOAK: Dilute SiS AM 500 in water; mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough SiS AM 500 solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Drying may be attained by dripping dry or wringing excess liquid from treated item. For larger items (e.g., bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Dry the substrates by hang-drying at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
| | | | SPRAY: Dilute SiS AM 500 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with |

| | Pest controlled | Dilution Rate | cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. Method of Application |
|---|--|---|---|
| Air filters and air filter material for Furnaces, air conditioners Air purification systems Automobiles Recirculating air handling systems Vacuum cleaner filters Aquariums | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute SiS AM 500 in water; mix well. When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Carpeting | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute SiS AM 500 in water; mix well. Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted SiS AM 500 solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. SiS AM 500 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates (e.g., wool carpeting), more SiS AM 500 may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and |

| | Pest controlled | Dilution Rate | Method of Application |
|---|---|---|---|
| Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon or wool | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute SiS AM 500 in water; mix well. Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains and mildew stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Tents, tarpaulins, sails, ropes. | Odor causing 8 oz./ gallor | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute SiS AM 500 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
| | | | DIP/SOAK: Dilute SiS AM 500 in water and mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough SiS AM 500 solution to completely submerge item. Keep item in solution for three minutes. Remove item and wring excess liquid. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). Remove excess liquid before |

| | | | attempting to dry in a clothes dryer. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
|---|--|---|---|
| | Pest controlled | Dilution Rate | Method of Application |
| Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats) | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute SiS AM 500 in water; mix well. Make sure the roof is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface making sure the surface is completely covered. After applying the dilute solution of SiS AM 500, let stand until dry. SiS AM 500 treats approximately 200 square feet of roofing per diluted gallon of water. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Buffer pads (polishing and abrasive), Polyurethane and cellulose for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute SiS AM 500 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, exterior surfaces of appliances, refrigerators (exterior), fiberglass, formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and miloew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute SiS AM 500 in water; mix well. Using a trigger pump sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |

MOLD, MILDEW, ODOR PROTECTOR AND INHIBITOR SIS AM 500 is an antimicrobial agent effective against odor causing bacteria.

SiS AM 500 is an antimicrobial agent effective against bacteria which cause staining and discoloration.

SiS AM 500 is an antimicrobial agent effective against fungi (mold and mildew).

SiS AM 500 is an antimicrobial agent effective against algae.

SiS AM 500, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (mold and mildew), algaestatic.

SiS AM 500, an antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow even in the cleanest of homes.

SiS AM 500, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces like fiberglass, glazed porcelain, Formica®, stainless steel, synthetic marble.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and disceloration due to bacteria, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungit(mold and mildew).

Provides/creates an invisible barrier to inhibit the growth-of algae.

Provides/creates an invisible barrier to inhibit the growth of edor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

For Household/residential use packages:

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F) and above 0°C (32°F). Non-refillable container. Do not reuse or refill this container. Wrap container and put in trash or offer for recycling if available.

For industrial and commercial use packages:

Small Packages (1 gallon or less):

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F). This product has a minimum shelf life of 12 months after date of shipment.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: Non-refillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Pails, Drums and IBCs:

Storage and Disposal: Store in original, tightly closed container in an area inaccessible to children or persons unfamiliar with its use and away from food or feed. Keep tightly closed until ready to use. Reclose tightly after each use. Store in original, unopened containers at or below 25 C (77F). This product has a minimum shelf life of 12 months after date of shipngents.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

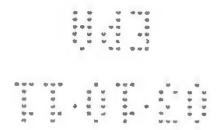
Container Handling: REFILLABLE CONTAINER. Refill this container with 3-(trimethoxysilyl) propyldimethyloctadecyl ammonium chloride only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING BIOSHIELD TECHNOLOGIES, INC. AT 4405 INTERNATIONAL BOULEVARD, SUITE B109, NORCROSS, GEORGIA, 30093.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

BioShield Technologies, Inc., warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

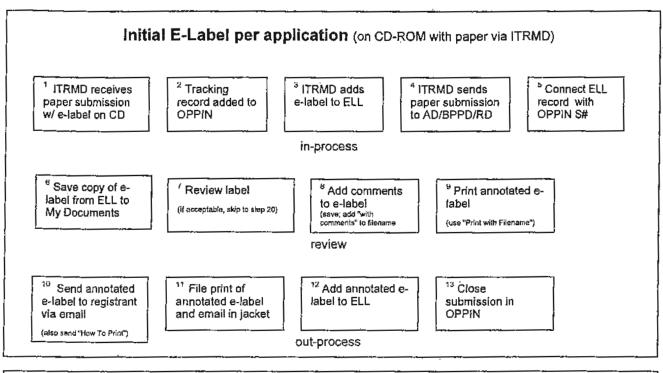
BIOSHIELD SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY

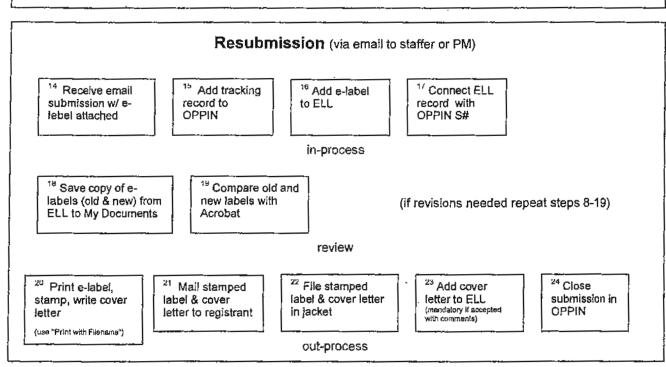


PROCESSING ELECTRONIC LABELS

(rev. 1/5/09, tch)

If e-label submitted via XML e-submission (not on CD-ROM), you may wish to find e-label in Documentum, save e-label to "My Documents", add e-label to ELL, start below at step 5.





process - big picture

- 1- create OPPIN tracking
- 2- put label in ELL; link to S#
- 3- save ELL label to MyDocuments
- 4- compare / comment
- 5- outprocess

techniques to know

- filename for e-labels
- "print with filename"
- print with literarne
- compare / comment

printing with comments

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KRK Consulting LLC

5807 Churchill Way Medina, OH 44256 Tel: 440-263-7305

E-mail: kutcel@zoominternet.net

March 6, 2011

US EPA (NOTIF)
Office of Pesticide Programs
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: PR Notice PR 2007-4 Storage and Disposal Notification (EPA No. 75174-2)

Please accept a revised label for Reg. No. 75174-2 "SiS AM 500" with a revised Storage and Disposal Section in order to be in compliance with PR Notice 2007-4. The sole changes to the label have been underlined in the Storage and Disposal section and one copy of the revised label has been attached per PR Notice 2007-4.

Attached is EPA Form 8570-1 regarding this notification as required in PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156,146 and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand this it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR 156.10, 156.140, 156.144, 156,146 and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please note that KRK Consulting LLC is the authorized agent handling all correspondence for SiShield Technologies, Inc. and therefore all responses should be directed to the contact information on the letterhead above. This should already be in your records, but an letter of authorization letter is attached for confirmation.

Best Regards,

Kevin R. Kutcel,

Agent for SiShield Technologies Inc.

| 1 | 1 |
|-----|---|
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| Please read instructions | on reverse before cor | ng form. | Form Approv | ed. No. 2070-006 | Print Form |
|---|---|---|---|--|--|
| \$EPA | United States | | - | Registration Amendment Other | OPP Identifier Number |
| | | Application for I | Pesticide - Section | on I | |
| 1. Compeny/Product Number SiShield Technologies Inc / 75174-2 | | 2. EPA Product Manager Velma Noble | | 3. Proposed Classification | |
| 4. Company/Product (Name) SiShield Technologies Inc / SiS AM500 | | | PM# 31 | | X None Restricted |
| SiShield Technologi 17 Executive Park Di Atlanta, GA 30329 | | | | | th FIFRA Section 3(c)(3) composition and labeling |
| X Notification - Exp | response to Agency lette | | Final printed labels in response to Agency letter dated "Me Too" Application. Other - Explain below. | | |
| Please accept the sto compliance with PR N | rage and disposal cha lotice 2007-4. | nges on attached label p | per PR Notice 2007-4. | Please see attached c | over letter regarding |
| 1. Material This Product | Will Be Packaged In: | | | | |
| Child-Resistant Packaging Yes* X No * Certification must be submitted Unit Packaging Yes Yes Yes No If "Yes" Unit Packaging White Packaging Value No. per Container | | No. per If "Yes | | | c |
| 3. Location of Net Contents Information 4. Size(s) Retail Container 2,4,8,16,30,>3,360z Container 1,5,55,150,300 gallon 5. Location of Label Directions On Label On Labeling accompanying product | | | | | |
| 6. Manner in Which Lab | el is Affixed to Product | Lithograph Paper glued Stenciled | Other | | |
| , | | | ion - IV | | |
| 1. Contact Point (Comp | lete items directly below | y for identification of indivi | idual to be contacted, if | necessary, to process ti | nis application.) |
| Name Kevin Kutcel | | Title Consulta | | | one No. (Include Area Code) 53-7305 |
| I certify that the a I acknowledge the both under applic | st any knowingly false or | Certification on this form and all attach r misleading statement ma | ments thereto are true, by be punishable by fine | accurate and complete. or imprisonment or | 6. Date Application Received (Stamped) |
| 2. Signature | | 3. Title Consulta | | | * |
| 4. Typed Name 5. C Kevin Kutcel | | | 3/6/11 | | 6 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 |

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolets.

White - EPA File Copy (original)

Yellow - Applicant Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460



EPA United States Endricommontal Protection Office of Pesticide Programs Office of Pesticide Programs

Jacques Elfersy, SiShield Technologies, Inc. 17 Executive Park Drive, Suite 563, Atlanta, Ga. 30329

301 25 2010

Subject:

SIS AM 500

Registration No.:

75174-2

Date Submitted:

June 14, 2010

Date Received:

June 30, 2010

Submission #:

878251

Dear Jacques Elfersy,

This letter acknowledges receipt of your notification submitted under the provision of the Federal Insecticide, Fungicide and Rodenticide Act. (FIFRA). PR Notice 2007-4.

Proposed Notification:

Alternative Brand Name, "HealthinEx".

General Comments:

Based on a review of the submitted material your application for Reg # 75174-2, as listed, is acceptable. A copy has been placed in our records for future reference.

Should you have any questions or comments concerning this letter, please contact Velma Noble PM Team 31 at (703) 308-6233 or Jamil Mixon at (703) 308-8032.

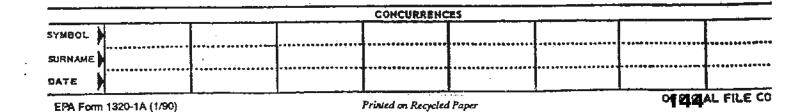
Sincerely.

Velma Noble.

Product Manager, Team 31

Regulatory Management Branch

Antimicrobials Division (7510P)



| Please read instructions on reverse before completing form. | Form Approved, OMB No. 2070-0080 Print Form | | | | |
|--|--|--|--|--|--|
| Environn, stal Protection Ac Washington, DC 20460 | Registration OPP Identifier Number | | | | |
| Application for | Pesticide - Section I | | | | |
| 1. Company/Product Number SiShield Technologies, Inc. / 75174-2 | 2. EPA Product Manager 3. Proposed Classification Tracy Lantz | | | | |
| 4. Company/Product (Name) SiShield Technologies, Inc / SiS AM500 | PM# X Mone Restricted | | | | |
| 5. Name and Address of Applicant (Include ZIP Code) SiShield Technologies, Inc. 17 Executive Park Drive, Suite 563 Atlanta, GA 30329 Check if this is a new address | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. Product Name | | | | |
| Se | etion - II | | | | |
| Amendment - Explain below. Final printed labels in response to Agency letter dated Resubmission in response to Agency letter dated Me Too" Application. X Notification - Explain below. | | | | | |
| brand name have been included. Please set attached | ice 98-10. Five (5) copies of the proposed label with this alternative page 2. | | | | |
| 1. Material This Product Will Se Packaged In: | | | | | |
| Child-Resistant Packaging Unit Packaging Was Yes X No If "Yes" No. per If "Yes" No. per | er Soluble Packeging Yes No No Yes* No. per kege wgx container 2. Type of Container Metal X Plastic Glass Paper Container Other (Specify) | | | | |
| 3. Location of Not Contents Information 4. Size(s) Retail Co. X Label Container 4, 8, 16, 36 fl. | oz and 1, 5 gal. 5. Location of Lebel Directions On Lebel On Lebel On Lebel | | | | |
| 6. Manner in Which Label is Affixed to Product Lithograph Paper glued Stenciled | Other | | | | |
| Section - IV | | | | | |
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) | | | | | |
| Name Title President State of the President S | dent Telephone No. (Include Area Code) 404-636-8900, | | | | |
| Certification I cartify that the statements I have made on this form and all att I acknowledge that any knowingly false or misleading statement both under applicable law. | | | | | |
| 2. Signature 3. Trui Presid | | | | | |
| 4. Typed Name 5. Det | 14 3010 | | | | |

"This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA."

HealthinEx MICROBIOSTATIC AGENT A Silicone Quaternary Ammonium Sait

| Active Ingredient: Other Ingredients: TOTAL | ther Ingredients: | | | |
|---|--|--|--------|--|
| INGREDIENTS: | 14-1-1-4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1- | | 100.0% | |
| | KEEP OUT OF REACH OF CHIL WARNING | DREN | | |
| EPA Reg. No. 74174- | | EPA EST. xxxxx-GA-xx | (| |
| NET CONTENTS: 2, | 4, 8, 16, 20, 22, or 36 fluid oz.; 1, 5, 55, 150, or 300 get. | Lot No. | | |
| | FIRST AID | | | |
| Remove contact Call poison cont IF INHALED: Move person to If person is not ! | nd rinse slowly and gently with water for 15-20 minutes. lenses, if present, after the first 5 minutes, then continue rins rol center or doctor for treatment advice. fresh air. oreathing, call 911 or an embulance, then give artificial respirantrol center or doctor for further treatment advice. | | | |
| F ON SKIN: Take off contem Rinse skin imme Call a poison co F SWALLOWED: Call a poison co Have person sip Do not induce ve | | ACCEPTED with COMMENTS in EPA Letter Dated: Under the Portural Immedicide, Fungicide, sun Rodenticide Art as annoided, for the pesticide, registered under EPA Reg. No. 7517 4 | -2 | |

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. Harmful if absorbed through skin or inheled. Do not get in eyes. Avoid contact with skin and avoid breathing vapor. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. Remove contaminated ciothing and wash before reuse.

ENVIRONMENTAL HAZARDS

Commercial and Industrial uses: This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, pends, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of HealthinEx can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of HealthinEx.

**with COMMENTS to EPA Letter Dated:

Homeowner use: This presticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

Under the Rodersh in Secretary.

DIRECTIONS FOR USE Approved commercial and industrial Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

Solutions can be prepared by simply adding HealthinEx to solvent and stirring. HealthinEx can also be diluted by adding 0.2 to 2 fluid ounces of HealthinEx per cup (3.2 to 32 fluid ounces of HealthinEx per gallon) of water or other solvents (for example, alcohol and ketones) and then applied to organic drinorganic substrates by brushing, dipping, padding, soaking, spraying, fogging or by using foam finishing techniques to give a final treatment of 0.1 to 1.0 percent by weight active ingradient.

The substrate can be dried at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to rentove water, solvents and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply HealthinEx every three months or when odor, shalning and discoloration due to bacteria, mold stains, and mildew steins return.

HealthinEx when used as a concrete additive is added directly during concrete preparation. Use 6 fluid nunces HealthinEx per cubic feet of concrete. Add to water before addition of concrete. Addition of HealthinEx reduces deterioration of sewer pipes and

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registered under EIV. Reg. Ivo. 75 174-2

amended, for the pusticist-

PAGE 3 - MASTER LABEL FOR HealthinEx

HealthinEx when used as an additive for paints and coatings is added directly during preparation of the paint or coating. Use 5 pounds of HealthinEx per 100 pounds of paint or coating (or 1 pound HealthinEx per 20 pounds paint/coating). The addition of the antimicrobial agent (HealthinEx) to paints at the point of manufacture preserves the paint in the can.

Approved commercial and industrial applications

The active ingredient in HealthinEx is effective against odor causing bacteria, becteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. HealthinEx can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- Air filters/meterials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Celtulose sponges
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Concrete additive for repair and renewal of sewer pipes and manholes and concrete sewer structures; not to be used in treatment of storm drains
- Exterior walls (such as stone, concrete, brick).
- Fiberfili for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool ACCEPTED
- Fiberglass ductboard
- Fire hose fabric
- Humidifier belts.
- Mattress pads and ticking.
- Mens underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweaters, sweaters, coats, raincoats, overcoats, jerseys, ponchos)

HealthinEx can be used in paints and coatings as an in can preservative for protection of paint film and coating film. Types of paints and coatings include: latex indoor/outdoor paints and stains, woodstains, architectural paints, lacquer and maintenance coatings, films, laminates and finishes including alkyd, urethene, enamel, epoxy, elloxaline, amino resins, textile coatings,

extrusion coatings, architectural coatings and overlays, anti-corrosion coatings, fire-resistant coatings, aliphatic coatings, vinylester and polyester coatings, get coatings, amino resins, resins used as additive mixes for cement, epoxy teminating resins. and blends and copo ymers thereof;

- Polyurethane foam for household, industrial, and institutional sponges and mops
- Polyurethans and polyethylene foam, when covered
- Polyurethane fearn for packaging and cushloning in non-food contact applications

OET 2 2 2003 Under the Federal Insacticities Amgleido, and Rodordeile. Act as

amended, for the positions, registered under EPA Reg. No. 75/74-2

F WITH COMMENTS

in EPA Letter Dated:

PAGE 4 - MASTER LABEL FOR Healthin Ex

- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcosts
- Send begs, tents, tanauline, sails, and ropes
- Athletic and casual shoes
- Shoe insoles
- Shower curtains
- Socks comprised of nyton, nyton/orion, cotton/nyton, linen/Lycra, acrylic/polypropylene/nyton/Lycra, wool/silk/nyton/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylane, polyolefins, polypropylene, rayon, spandex, virtyl, wool ACCEPTED
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- in EPA Letter Dated: Disposable wiping cicits that can be used for multiple purposes such as dusting or washing furniture, cars, waits, windows, 867 2 2 2m2 floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hoslery
- Women's intimate apparel

Under the Foderal Insecticide. Fungicide, and Rodenticide Act as amended, for the postcide. registered under EPA Reg. No.

with COMMENTS

DIRECTIONS FOR USE

Approved commercial applications used in homes, offices, automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

For Pump Spray Application: Dilute 8 ounces of HealthinEx per gallon of water (2 oz. per quart; 1oz. per pint). Using pump sprayer, spray entire area 4"- 6"s from the bufface marting sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with circth or scorne. If spotting occurs, wipe with molet cloth or sponge. Test for staining and color-fastness of fabrica and carpets by treating and drying a small, concealed area prior to application. HealthinEx treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more HealthinEx may be required due to absorption. A fan may be used to assist in drying carpating.

For Commercial Spray Application: For commercial application equipment (i.e., carpet/upholstery steamers, rotary jet extraction cleaners, pressure aprayars) dilute 6 curies of HealthinEx per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or aponge. If spotting occurs, wipe with moist cloth or aponge. Test for staining and color-festness of fabrics and carpete by treating and drying a small, concealed area prior to application. Healthin Ex

treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more HealthinEx may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drvina carpetina.

PAGE 8 - MASTER LABEL FOR HealthinEx

For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough HealthinEx solution to completely submerge item. Dilute 8 ounces of HealthinEx per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/scaking.

The substrate can be dried at room temperatures or at temperatures to a maximum of 160° C (320° F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply HealthinEx every three months or when odor, staining and d'accloration due to bacteria, mold stains, and mildew stains return.

ACCEPTED with COMMENTS in EPA Letter Dated:

OCT 2 2 mm

Under the Federal Insecticide.

amended, for the costicide,

Approved commercial applications in homes, offices, automobiles and institutions e.g., schools, hospitals, day care centers, banks, churches, correctional facilities

The active ingredient in HealthinEx is effective against odor causing bacteria, bacteria which cause staining and distraigntal funglicide Act as (mold and mildew) and algae as a static agent.

HealthinEx can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity. 75174-2

- Air filters for furnaces, air-conditioners, air purification. devices, automobiles, recirculating air handling systems
- Air filters/meterials
- Aquarlum filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Cellulose sponges
- Exterior walls(such as stone, concrete, brick)
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or loow
- Fibergiass ductionard
- Fire hose febric
- Humidifier beits
- Mattress pads and ticking
- Mens underwear and outerwear
- Non-woven polyester
- Outerwear apparel (lackets, sweaters, sweatshirts, costs, raincoats, overcoats, jerseys, ponchos)
- Polyurethane foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered

- Polyurethane foam for packaging and cushioning in nonfood contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Roofing materials defined as shingles, roofing granules. wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, ecryffc/polypropylene/nylon/Lycra. wool/silk/nylon/Lycra and wool/acrylic/nylon/l.ycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Tollet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, apandex, vinyl, wool
- Vacuum cleaner bags end filters
- Vinyl paper-wallpaper for non-food contact surfaces

PAGE 6 - MASTER LABEL FOR HealthinEx

- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's intimate apparel

ACCEPTED with COMMENTS in EPA Letter Dated:

OCT 22 223

Under the Federal Insecticitie, Fungicide, and Rodenticide Act en amended, for the pesticide, registered under EPA Reg. No.

75174-2

DIRECTIONS FOR USE For homeowner applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

Approved homeowner uses

The active ingredient in HealthinEx is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. HealthinEx can be used as a final bacteriostatic finish on the following items to

impart bacteriostatic/fungistatic (mold and mildew) activity.

| Tribula de de la constant de la cons | Pest | Dilution | Method of Application |
|--|--|--|--|
| Bedsheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hoisery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). HealthinEx can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, l'nen, Lycra, nylon, orion, polyester, polyethylens, polyolefins, polypropylene, rayon, slik, spandex, vinyl, and wool | controlled Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold end mildew) | Rate 8 oz./ gallon 2 oz./ quart 1 oz./pint | DIP/SOAK: Dilute HealthinEx in water; mix well. Use appropriate sized wash basin or tub for dipping/soaking the Item you are treating. Use enough HealthinEx solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Drying may be attained by dripping dry or wringing excess liquid from treated item. For larger items (e.g., bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). If necessary, reapply HealthinEx every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |

PAGE 7 - MASTER LABEL FOR HealthinEx

| PAGE 7 - MASTER LABEL FOR HealthinEx | | | |
|--|--|---|---|
| | | | SPRAY: Dilute HealthinEx in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply HealthinEx every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Air filters and air filter material for Furnaces, air conditioners Air purification systems Automobiles Recirculating air handling systems Vacuum cleaner filters Aquariums | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gaflon 2 oz./ quart 1 oz./pint | SPRAY: Dilute HealthinEx in water; mix well. When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4°-6" from the surface making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply HealthinEx every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
| | Pest controlled | Ditution Rate | Method of Application |
| ACCEPTED with COMMENTS in EPA Letter Dated: IT 28 200 Under the Federal insecticide, Plugicide, and Rodenicide Act as amended, for the pesticide, registered under EPA Reg. No. 75174-2 | Odor causing bacteria, bacteria which cause staining and discoloration, end fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute HealthinEx in water; mix well. Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. For rotary jet extraction cleaners and carpet stearners, add the diluted HealthinEX solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. HealthinEx treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates (e.g., wool carpeting), more HealthinEx may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply |

| PAGE 8. | MAST | FRIAR | EL FOR | HealthinEx |
|----------|-------|---------|--------|------------|
| TAGE 0 - | MIMOL | CR LADI | | ridaiumica |

| | | | HealthinEx every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
|---|--|---|--|
| | Pest controlled | Dilution Rate | Method of Application |
| Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyoiefins, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparal, where the fiber is cotton, natural down, nylon, rayon or wool | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quert 1 oz./pint | SPRAY: Dilute HealthinEx in water; mix well. Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface eras 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small conceated area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply HealthinEx every three months or when odor, staining and discoloration due to bacteria, mold stains and mildew stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| ACCEPTED with COMMENTS in EPA Letter Dated: Let 2 2 203 Under the Federal Insacticide. Rangicido, and Rodensicida Act as amended, for the pesticide, registered under EPA Reg. No. 75174-2- | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and aigae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute HealthinEx in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply HealthinEx every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. DIP/SOAK: Dilute HealthinEx in water and mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough HealthinEx solution to completely submerge item. Keep item in solution for three minutes. Remove item and wring excess liquid. Test staining and color-fastness of fabric by treating and drying a small |

| PAGE 9 - MASTER | LABEL | FOR | HealthinEx |
|-----------------|-------|-----|------------|
|-----------------|-------|-----|------------|

| ACCEPTED with COMMENTS in EPA Letter Dated: ICT 2 8 203 Under the Federal Insecticide, Fungicide, and Rodonticide Act as amended, for the pesticide, registered under EPA Rod. No. 751747 | Pest | Dilution | concealed area prior to application. Do not rause solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply HealthinEx every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. Method of Application |
|--|--|---|---|
| The ball of the ball of the ball of the | controlled | Rate | |
| Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats) Exterior walls (such as stone, concrete, brick) | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute HealthinEx in water; mix well. Make sure the roof or wall is cleen prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface making sure the surface is completely covered. After applying the dilute solution of HealthinEx, let stand until dry. HealthinEx treats approximately 200 square feet of roofing or wall per diluted gallon of water. If necessary, reapply HealthinEx every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Buffer pads (polishing and abrasive), Polyurethane for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mole and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute HealthinEx in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4*-6° from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply HealthinEx every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sirks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, appliances, refrigerators | Odor ceusing bacteria, bacteria which cause staining and | . 8 oz./ gailon 2 oz./ quart 1 oz./pint | SPRAY: Dilute HealthinEx in water; mix well. Using a trigger pump sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or |

PAGE 10 - MASTER LABEL FOR HealthinEx

| (exterior), fiberglass, formica, glazed tiles, glazed porcelain, synthetic marble, | | sponge. If necessary, reapply HealthinEx every three months or when odor, staining and discoloration due to |
|--|-------------|---|
| plastic, vinyl | fungi (mold | bacteria, mold etains, and mildew stains return. |
| | and mildew) | |

MOLD, MILDEW, ODOR PROTECTOR AND INHIBITOR HealthinEx is an antimicrobial agent effective against odor causing bacteria.

HealthinEx is an antimicrobial agent effective against bacteria which cause staining and discoloration.

HealthinEx is an antimicrobial agent effective against fungi (mold and mildew).

HealthinEx is an antimicrobial agent effective against algae.

HealthinEx, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (mold and mildew), algaestatic.

HealthinEx, an antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow even in the cleanest of homes.

HealthinEx, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces like fiberglass, glazed porcelain, Formica®, stainless steel, synthetic marble.

imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and uphotstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and uphoistery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microblostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and ACCEPTED discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of mlorobial occrs.

Resists development of stains and discoloration due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae. Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

With COMMENTS in EPA Letter Dated: OCT 22 789

Under the Federal Insecticide. Fungicide, and Rodendoide Act as amended, for the posterior

PAGE 11 - MASTER LABEL FOR HealthinEx

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algee.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food or feed.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

[For homeowner use the statement will read: "Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site."]

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

[For homeowner use statement will read: "Container Disposal: Securely wrap original container in several layers of newspaper and discard in trash."]

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING SISHIELD TECHNOLOGIES, INC. AT 5555 Glenridge Connector, Atlanta, GA 30342 IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

SiShield Technologies, Inc., warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

SISHIELD SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY

ACCEPTED
with COMMENTS
in EPA Letter Dated:

QCT 2 2 3500

Under the Federal Insecticide, Fungleide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No.

75174-2

11/14

page 3 EPA Reg. No. 75174-2

- 3. Revising "Appliances" to read "Exterior Surfaces of Appliances"
- F. Revise the eleventh page of the label by: Adding the following statement: "Note: Any claims for paint use must be for the preservation of the paint in the can."
- 5. The Alternate Formulation dated 8/28/03 is unacceptable. The amount of active ingredient in this formulation does not meet the label claim.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. Submit one (1) copy of the final printed label prior to the release of the product for shipment.

If you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,

Velma Noble

Product Manager 31

Regulatory Management Branch 1 Antimicrobial Division (7510C)

Enclosure: stamped label

7510C:T.Lantz:10/22/03:75174-2

| | CONCURRENCES | |
|-------------------------|---------------------------|---|
| SYMBOL) | | *************************************** |
| BURHAME) | | |
| DATE | | |
| EPA Form 1320-1A (1/90) | Printed on Recorded Paner | OFFICIAL FILE COPY |

SIS AM 500

MICROBIOSTATIC AGENT A Silicone Quaternary Ammonium Sait

| Active Ingredient: Other Ingredients: TOTAL | 3-(trihydroxysilyl) propyidimethyloctedecyl ammonlum chloride | 5.0% 95,0% |
|---|---|---------------|
| INGREDIENTS: | 100000000000000000000000000000000000000 | 100.0% |

KEEP OUT OF REACH OF CHILDREN WARNING

EPA Reg. No. 75174-

EPA EST. xxxxx-GA-xx

NET CONTENTS: 2, 4, 8, 16, 20, 22, or 36 fluid oz.; 1, 5, 55, 150, or 300 gal.

Lot No.

FIRST AID

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call poison control center or doctor for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

IF ON SKIN:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

ACCEPTED

with COMMENTS > in EPA Letter Dated:

OCT 2 2 2003

IF SWALLOWED:

- · Call a poison control center or doctor immediately for treatment advice.
- · Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

Under the Perional Insecticide. Beneficide, and Hodenticide Act as

amonded, for the pesticide,

registered under EPA Reg. No. 75/174-2

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. Harmful if absorbed through skin or inhaled. Do not get in eyes. Avoid contact with skin and avoid breathing vapor. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

Commercial and Industrial uses: This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of SIS AM 500 can be achieved by tige addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of SIS AM 500.

* with COMMENTS in EPA Letter Dated:

Homeowner use: This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

Under the Federal insticide,

DIRECTIONS FOR USE Approved commercial and industrial Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

Solutions can be prepared by simply adding SIS AM 500 to solvent and stirring. SIS AM 500 can also be diluted by adding 0.2 to 2 fluid cunces of SIS AM 500 per cup (3.2 to 32 fluid outces of SIS AM 500 per gation) of water or other solvents (for example, alcohol and ketones) and then applied to organic or inorganic substrates by brushing, dipping, padding, soaking, spraying, fogging or by using foam finishing techniques to give a final treatment of 0.1 to 1.0 percent by weight active ingredient.

The substrate can be dried at temperatures from ambient to a maximum of 160° C (320° F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

SIS AM 500 when used as a concrete additive is added directly during concrete preparation. Use 6 fluid ounces SIS AM 500 per cubic feet of concrete. Add to water before addition of concrete. Addition of SIS AM 500 reduces deterioration of sewer pipes and 60

H/S

Fungicide, and Rodentick' out as

registered under EIVA Reg. Ivo. 75 174-2

amended, for the pesticies

PAGE 3 - MASTER LABEL FOR SIS AM 500

SiS AM 500 when used as an additive for paints and coatings is added directly during preparation of the paint or coating. Use 5 pounds of SiS AM 500 per 100 pounds of paint or coating (or 1 pound SiS AM 500 per 20 pounds paint/coating). The addition of the antimicrobial agent (SiS AM 500) to paints at the point of manufacture preserves the paint in the can.

Approved commercial and industrial applications

The active ingredient in SiS AM 500 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. SiS AM 500 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fung/static (mold and mildew) activity.

- · Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- · Air filters/materials
- Aquarium filter material
- · Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Cellulose sponges
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains.
- Concrete additive for repair and renewal of sewer pipes and manholes and concrete sewer structures; not to be used in treatment of storm drains
- Exterior walls (such as stone, concrete, brick)
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool.
- Fiberglass ductboard
- Fire hose fabric
- Humidifier belts
- Mattress pads and ticking
- Mens underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweaters, sweaters, coats, raincoats, overcoats, jerseys, ponchos)
- SIS AM 500 can be used in paints and coatings as an in can preservative for protection of paint film and coating film. Types of
 paints and coatings include: latex indoor/outdoor paints and stains, woodstains, architectural paints, lacquer and maintenance
 coatings, films, laminates and finishes including alkyd, urethane, enamel, epoxy, siloxaline, amino resins, textile coatings,
 extrusion coatings, architectural coatings end overlays, anti-corrosion coatings, fire-resistant coatings, alignatic coatings,
 vinylester and polyester coatings, gai coatings, amino resins, resins used as additive mixes for cement, epoxy laminating resins,
 and blends and copolymers thereof;
- Polyurethane foam for household, industrial, and institutional sponges and mops.
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning in non-food contact applications

ACCEPTED

with COMMENTS

in EPA Letter Dated:

OET 2 2 2003

Under the Federal Insocicitie, Pungleide, and Redenticie. Act as amended, for the posticide, registered under EPA Reg. No. 75174-2

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PAGE 4 - MASTER LABEL FOR SIS AM 500

- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties)
- Roofing materials defined as shingles, roofing grenules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- Shoe insoles
- Shower curtains
- Socks comprised of riylon, nylon/orlon, cotton/nylon, finen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/sitk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool

 ACCEPTED
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cioths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cioths do not impart pesticide properties
- Women's hosiery
- · Women's intimate apparel

Under the Foderal Insecticide, Fungicide, and Rodenticide Act as amended, for the positicide,

registered under EFA Rea, No.

with COMMENTS.

in EPA Letter Dated:

DIRECTIONS FOR USE

Approved commercial applications used in homes, offices, automobiles and institutions 75/74-2.
e.g., schools, hospitals, daycare centers, churches, correctional facilities

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

For Pump Spray Application: Dilute 8 ounces of SiS AM 500 per gation of water (2 oz. per quart; 1oz. per pint). Using pump sprayer, spray entire area 4°-6°s from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cicth or sponge. If spotting occurs, wipe with moist cioth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. SiS AM 500 treats approximately 200 square feet per diluted gation of water. When treating coarser substrates, more SiS AM 500 may be required due to absorption. A fan may be used to assist in drying carpating.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamars, rotary jet extraction cleaners, pressure sprayers) dilute 8 ounces of SiS AM 500 per gation of water (2 oz. per quart; 1 oz. per pint); mix well. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. SiS AM 500 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more SiS AM 500 may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpeting.

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PAGE 5 - MASTER LABEL FOR SIS AM 500

For Dipping/Soaking Application: Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough SIS AM 500 solution to completely submerge item. Dilute 8 ounces of SIS AM 500 per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking.

The substrate can be dried at room temperatures or at temperatures to a maximum of 160° C (320° F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

> Approved commercial applications in homes, offices, automobiles and institutions e.g., schools, hospitals, day care centers, banks, churches, correctional facilities

in EPA Letter Dated:

ACCEPTED with COMMENTS

OCT 2 2 2003

Under the Federal Insecticide. The active ingredient in SiS AM 500 is effective against odor causing bacteria, bacteria which cause staining and discretization; futualizate Act as amended, for the pesticide. (mold and mildew) and algae as a static agent. SiS AM 500 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) 75174-2 activity.

· Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems

- Air filters/materials
- Aquarium filter material
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- · Carpets and draperies
- Cellulose sponges
- Exterior walls(such as stone, concrete, brick)
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass ductboard
- Fire hose fabric
- Humidifier belts
- Mettress pads and ticking
- Mens underwear and outerwear
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- · Polyurethane foam for household, industrial, and institutional sponges and mops
- Polyurethane and polyethylene foam, when covered

- Polyurethane foam for packaging and cushioning in nonfood contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- Roofing materials defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- Shoe insoles
- Shower curtains
- Socks comprised of nylon, nylon/orion, cotton/nylon, finen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/slik/nylon/Lycra and wool/acrylic/nylon/l.ycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Toilet tank and seat covers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces

PAGE 6 - MASTER LABEL FOR SIS AM 500

- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties
- Women's hosiery
- Women's intimate apparel

ACCEPTED with COMMENTS in EPA Letter Dated:

OCT 22 200

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No.

75174-2

DIRECTIONS FOR USE For homeowner applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

Approved homeowner uses

The active ingredient in SiS AM 500 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. SiS AM 500 can be used as a final bacteriostatic finish on the following items to

impart bacteriostatic/fungistatic (mold and mildew) activity.

| impart bacteriostatic/fungistatic (mold and mildew) activity. | | | | |
|--|--|---|--|--|
| | Pest controlled | Dilution Rate | Method of Application | |
| Bedsheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hoisery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos). SiS AM 500 can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefins, polypropylene, rayon, silk, spandex, vinyl, and wool | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildev.) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | DIP/SOAK: Dilute SiS AM 500 in water; mix well. Use appropriate sizad wash basin or tub for dipping/soaking the item you are treating. Use enough SiS AM 500 solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Drying may be attained by dripping dry or wringing excess liquid from treated item. For larger items (e.g., bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. | |
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PAGE 7 - MASTER LABEL FOR SIS AM 500

| PAGE 7 - MASTER LABEL FOR SIS AM 500 | | | |
|--|--|---|---|
| | | | SPRAY: Dilute SiS AM 500 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Air filters and air filter material for Furnaces, air conditioners Air purification systems Automobiles Recirculating air handling systems Vacuum cleaner filters Aquariums | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quant 1 oz./pint | SPRAY: Dilute SiS AM 500 in water; mix well. When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| ACCEPTED with COMMENTS in EPA Letter Dated: ET 28 2003 Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 75174-2 | Odor causing bacteria, bacteria which cause staining and discoloration, end fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute SiS AM 500 in water; mix well. Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sura the surface is completely covered. For rotary jet extraction cleaners and carpet stearners, add the diluted SiS AM 500 solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. SiS AM 500 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates (e.g., wool carpeting), more SiS AM 500 may be required due to absorption. Dry carpet areas and surfaces before re-entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply |

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PAGE 8 - MASTER LABEL FOR SIS AM 500

| | | | SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
|---|---|---|---|
| | Pest controlled | Dilution Rate | Method of Application |
| Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon or wool | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute SiS AM 500 in water; mix well. Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains and mildew stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Tents, tarpaulins, sails, ropes. ACCEPTED with COMMENTS in EPA Leuer Dated: | Odor causing bacteria, bacteria which cause staining and discoloration, | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute SiS AM 500 in water, mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with |
| Under the Federal Insecticide. Pungicide, and Rodendoide Act as amended, for the pesticide, registered under EPA Reg. No. 75174-2 | fungi (mold and mildew), and aigae | | cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. DIP/SOAK: Dilute SiS AM 500 in water and mix well. Use |

PAGE 9 - MASTER LABEL FOR SIS AM 500

| ACCEPTED with COMMENTS in EPA Letter Dated: Under the Federal Insecticide, Pungloide, and Rodenticide Act as amended, for the pesticide, registered under EPA Box, No. 751 | | | concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160 °C (320 °F); (for example in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
|---|--|---|---|
| | Pest | Dilution | Method of Application |
| | controlled | Rate | OPPAY Divide CiC 444 500 in the principal blade and the |
| Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats) Exterior walls (such as stone, concrete, brick) | Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae | 8 oz./ gallon 2 oz./ quart 1 oz./pint | SPRAY: Dilute SiS AM 500 in water; mix well. Make sure the roof or wall is clean prior to application. Using a pressure sprayer, spray the entire surface area 6"-12" from the surface making sure the surface is completely covered. After applying the dilute solution of SiS AM 500, let stand until dry. SiS AM 500 treats approximately 200 square feet of roofing or wall per diluted gallon of water. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return. |
| | Pest controlled | Dilution Rate | Method of Application |
| Buffer pads (polishing and abrasive), Polyurethane for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes | Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mole and mildew) | 8 oz./ gallon 2 oz./ quart 1 oz./plnt | SPRAY: Dilute SiS AM 500 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entira surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
| | Pest | Dilution | Method of Application |
| | controlled | Rate | |
| Tubs, glazed tiles, vanity tops, shower | Odor causing | ∵8'oz./ galion | SPRAY: Dilute SiS AM 500 in water; mix well. Using a trigger |
| curtains, shower stalls (areas), sinks, | bacteria, | 2 oz./ quart | pump sprayer, spray the entire surface area 4"- 6" from the |
| washable walls, wall paper for non-food | bacteria | 1 oz./pint | surface making sure the surface is completely covered. Let |
| contact, floors, window sills, cabinets, | which cause | | stand until dry or let stand 3 minutes and wipe dry with cloth |
| garbage cans, appliances, refrigerators | staining and | | or sponge. If spotting occurs, wipe with moist cloth or |

PAGE 10 - MASTER LABEL FOR SIS AM 500

| (exterior), fiberglass, formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl | | sponge. If necessary, reapply SiS AM 500 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return. |
|---|--|--|
|---|--|--|

MOLD, MILDEW, ODOR PROTECTOR AND INHIBITOR SiS AM 500 is an antimicrobial agent effective against odor causing bacteria.

SiS AM 500 is an antimicrobial agent effective against bacteria which cause staining and discoloration.

SiS AM 500 is an antimicrobial agent effective against fungi (mold and mildew).

SiS AM 500 is an antimicrobial agent effective against algae.

SiS AM 500, an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (rhold and mildew), algaestatic.

SiS AM 500, an antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow even in the cleanest of homes.

SiS AM 500, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces like fiberglass, glazed porcelain, Formica®, stainless steel, synthetic marble.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration.

Use on carpet and upholstery to inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration.

Provides an invisible microbiostatic coating to inhibit the growth of fungl (mold and mildew).

Provides an invisible microbiostatic coating to lighibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and ACCEPTED

Prevents deterioration caused by bacteria and fungi (mold and mildew).

Inhibits deterioration caused by bacteria.

Resists development of microbial odors. 3.3

Resists development of stains and disconnation due to bacteria.

Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algee.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

With COMMENTS in EPA Letter Dated:

OCT 2 8 200)

Under the Federal Insecticide, Fingleide, and Rodendoide Act as amended, for the pasticies.

PAGE 11 - MASTER LABEL FOR SIS AM 500

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food or feed.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

[For homeowner use the statement will read: "Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site.]

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

[For homeowner use statement will read: "Container Disposal: Securely wrap original container in several layers of newspaper and discard in trash."]

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING SISHIELD TECHNOLOGIES, INC. AT 5555 Glenridge Connector, Atlanta, GA 30342 IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

SiShield Technologies, Inc., warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

SISHIELD SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF
MERCHANTABILITY

ACCEPTED
With COMMENTS
In EPA Letter Dated:

OCT 2 2 2003.

Under the Federal Insecticide, Pungloide, and Rodenticide Act as amended, for the posticide, registered under EPA Rec. No.

75174-2

HIH

EPA Registration Number of Product

75174-2

Print Form

o. 2070-0044. Approve Educations

United States

Environmental Protection Agency

Office of Pesticide Programs (7505C)
Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Distributor Company Number

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationery, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

85926

| Note: Do not submi | it distributor product labels | | | | |
|---|--|--|--|--|--|
| Name of Registered Product (basic product name accepted by EPA) | Distributor Product Name | | | | |
| SIS AM 500 | H.E.L.P. Technology XMICROBE | | | | |
| Name and Address of Distributor (Type; include ZIP code) | | | | | |
| Bioshield Services LLC | • | | | | |
| 311 SW Joan Jefferson Way Stuart, FL 34994 | | | | | |
| Read All Conditions | Before Signing | | | | |
| The distributor product must have the same composit | | | | | |
| The distributor product must be manufactured and pa the registered basic product. | ckaged by the same person who manufactures and packages | | | | |
| 3. The labeling for the distributor product must bear the | same claims as the basic product, provided, however, that | | | | |
| specific claims may be deleted if by doing so, no other | - | | | | |
| The product must remain in the manufacturer's unbro The label must bear the EPA registration number of the | oken container. he basic product, followed by a hyphen and the distributor's | | | | |
| company number. | to deale product, removed by a reprint and the distribution of | | | | |
| | dress of the distributor qualified by such terms as "packed | | | | |
| for", "distributed by"; or "sold by" to show that 7. All conditions of the basic registration apply equally to | of the name is not that of the manufacturer. To distributor products. It is the responsibility of the basic | | | | |
| | compliance with requirements placed on the basic product. | | | | |
| Distri | ibutor | | | | |
| We intend to market our product under the Distributor Product Name sp | pecified above, subject to the conditions specified on this Notice. | | | | |
| Signature and Title of Distributor | Date / | | | | |
| MICH PRESIDEN | 1/30/09: | | | | |
| Regi | Istrant | | | | |
| I agree that the distributor named above may distribute and sell the Dis | stributor Product specified above, subject to the conditions specified on this | | | | |
| Notice. | A- | | | | |
| Signature and Title of Registrant | - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 | | | | |

Jo. 2070-0044. Арр<mark>гоуы Ехріген 1-5 га</mark>



EPA Registration Number of Product

75174-2

United States

Environmental Protection Agency

Office of Pesticide Programs (7505C) Washington, DC 20460

Notice of Supplemental Distribution of a Registered Pesticide Product

Distributor Company Number

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

If a registrant has a potential distributor who does not have a company number assigned, she/he should have the distributor apply, on letterhead stationery, to the Registration Division to have a number assigned prior to submitting this form to the agency.

This Notice of Supplemental Distribution must be submitted by the basic registrant. The completed form must have the concurrence and signature of both the registrant and the distributor.

85926

| Note: Do not submi | ît dîstributor product labels | | | |
|--|--|--|--|--|
| Name of Registered Product (basic product name accepted by EPA) | Distributor Product Nama | | | |
| SIS AM 500 | H.E.L.P. Technology XMICROBE | | | |
| Name and Address of Distributor (Type; include ZIP code) | | | | |
| Bioshield Services LLC 311 SW Joan Jefferson Way Stuart, FL 34994 | ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; | | | |
| Read All Conditions | Before Signing | | | |
| The distributor product must have the same composition as the basic product. The distributor product must be manufactured and packaged by the same person who manufactures and packages the registered basic product. The labeling for the distributor product must bear the same claims as the basic product, provided, however, that specific claims may be deleted if by doing so, no other changes to the label are necessary. The product must remain in the manufacturer's unbroken container. The label must bear the EPA registration number of the basic product, followed by a hyphen and the distributor's company number. Distributor product labels must bear the name and address of the distributor qualified by such terms as "packed for", "distributed by"; or "sold by" to show that the name is not that of the manufacturer. All conditions of the basic registration apply equally to distributor products. It is the responsibility of the basic registrant to see that all distributor labeling is kept in compliance with requirements placed on the basic product. | | | | |
| Distri | butor | | | |
| We intend to market our product under the Distributor Product Name specified above, subject to the conditions specified on this Notice. | | | | |
| Signature and Title of Distributor PIZES (ST) | Date 13009 | | | |
| Registrant | | | | |
| l agree that the distributor named above may distribute and sell the Dis Notice. | stributor Product specified above, subject to the conditions specified on this | | | |
| Signature and Tiple of Registrant Frenche | Date 3/10/09 | | | |

EPA Form 8570-5 (Rev.\8-94) Previous editions are obsolete.

White - EPA

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Please Read All treatmetions Betwee Completing this Funt (Flore Hunt to Sparit Form Appeared, 1988 No. 2078-0044

United States **Environmental Protection Agency**

Office of Poorlaide Programs (75050) Westington, DC 201400

Notice of Supplemental Distribution of a Registered Pasticide Product

Instructions

After a registrant has obtained final registration for the basic product, the registrant may then supplementally distribute his/her product. One form must be submitted for each distributor product and must be signed by the distributor involved. The basic registration number and the distributor company number must be shown.

| if a registrant has a potential distributor who does not he distributor apply, on interhead stationary, to the Registra | rve a company number accigned, she/he should have the misn Division to have a number assigned prior to submitting |
|---|---|
| RAS TOTAL TO THE RECEIVE. | tied by the basic reciptorer. The completed from more base |
| SPA Registration Number of Product | |
| 75174-2 | 47000 47000 |
| | it distributor product labels |
| Name of Registered Product Damic product name accepted by BMI SIS AMSOD 515 AM 500 | Controlled Con Mrc Shield |
| Con Shield Technologies Inc. Con Shield Technology Inc. Con Shield | gres, Inc. |
| the registered basic product. The labeling for the distributor product must beer the specific claims may be deleted if by doing so, no other. The product must remain in the menufacturer's unbroil. The label must beer the EPA registration number of the company number. Distributor product labels must beer the name and add for", "distributed by"; or "sold by" to show that "All conditions of the basic registration apply equally to | chaped by the same person who manufactures and packages same claims as the basic product, provided, however, that ir changes to the lebel are necessary. It container. Is basic product, followed by a hyphen and the distributor's drass of the distributor qualified by such purposes a financial |
| If June - MENSO | Willed above, subject to the conditions assertion on this Medica. 11.14.06 |
| Signature and This of Regionary Jacques Elfersy, VP SiShfield Technologies | 11T14/06 |
| EPA Form 9570-5 flov, 6-641 Province officend are absolute. | SECTION WIND-DPA |

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| Please read instructions on reverse before . pleting form. | | Form Appr | ю., | OMB No. 201 | 70-0080 | Print Form | |
|---|--|---|---------------------------------|-------------|---|---------------------------------|--|
| SEPA Environmental Protect | United States Environmental Protection Agency Washington, DC 20460 | | Registration × Amendment Other | | ion | OPP Identifier Number | |
| Applica | tion for Pe | sticide - Sec | tion | 1 | | | |
| 1. Company/Product Number SiShield Technologies / 75174-2 | | 2. EPA Product Men Velma Noble | ager | | | posed Classification | |
| 4. Company/Product (Name) SiShield Technologies / SIS AM 500 | | PM# 31 | | | | None Restricted | |
| 5. Name and Address of Applicant (Include ZIP Code) SiShield Technologies 17 Executive Park Drive, Suite 563 Atlanta, GA 30329 Check if this is a new address | t D | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No Product Name | | | | | |
| | Section | on - II | | | | | |
| Amendment - Explain below. Resubmission in response to Agency letter dated Notification - Explain below. | | Final printed labels in response to Agency letter dated "Me Too" Application. Other - Explain below. | | | | | |
| Explanation: Use additional page(s) if necessary. (For section I and Section II.) Please see cover letter. | | | | | | | |
| | Section | on - III | | | | | |
| 1. Material This Product Will Be Packaged In: | | | | | | | |
| Child-Resistant Packaging Yes* X No * Certification must The second of the second | Y N | No X | | | ontainer Metal Pleetic Glass Paper Other (Sp | if-() | |
| be submitted | · · · · · · · · · · · · · · · · · · · | | • | | Other (5) | Beck y) | |
| 3. Location of Net Contents Information 4. Size(s) X Label Container 1,5,55 ga | Retail Containe all | r | 5. Lo X | | | eanying product | |
| 8. Manner in Which Label is Affixed to Product Lithograph Paper glued Stenciled Other | | | | | | | |
| Section - IV | | | | | | | |
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) | | | | | | | |
| Neme Kevin R. Kutcel | Title Agent | | | | Telephone 440-263- | No. (Include Area Code) 7305 | |
| Certification I certify that the statements I have made on this form end all attachments thereto are true, accurate end complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. 6. Date Application Received (Stamped) | | | | | | | |
| 2. Signature | 3. Title Agent | | | | | | |
| 4. Typed Neme Kevin R. Kutcel | 5. Date Oct 27, 20 | 014 | | | | | |

